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NASA Technical Memorandum 78808

NASA-TM-78808 19790013879

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NASA

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National Aeronautics
and Space Administration

**Scientific and Technical
Information Office**

1979

SUMMARY

Tabulated surface pressure data for a series of forebodies which have analytically defined cross sections and are based on a 20° half-angle cone are presented without analysis. Five of the cross sections were ellipses having axis ratios of 3/1, 2/1, 1/1, 1/2, and 1/3. The sixth cross section was defined by a curve having a single lobe. The data generally cover angles of attack from -5° to 20° at angles of sideslip from 0° to 5° for Mach numbers of 1.70, 2.50, 3.95, and 4.50 at a constant Reynolds number.

INTRODUCTION

Over the years there has been a continuing development of theoretical and numerical methods for calculating supersonic flows over aircraft shapes. At present, these methods can predict the flow in some detail in regions such as aircraft forebodies. However, there has not been any generally available set of detailed experimental pressure data for forebody shapes covering a sufficient range of geometric and flow parameters to allow an overall evaluation of the prediction methods. This report is part of an effort toward filling this need.

Experimentally determined pressure distributions are tabulated herein for a series of six forebodies which have analytically defined cross sections and are based on a 20° half-angle cone. Five of the cross sections were ellipses having axis ratios of 3/1, 2/1, 1/1, 1/2, and 1/3. The sixth cross section was defined by a curve having a single lobe, somewhat resembling the cockpit region of a fighter aircraft. The data generally cover angles of attack from -5° to 20° at angles of sideslip from 0° to 5° for Mach numbers of 1.70, 2.50, 3.95, and 4.50 at a constant Reynolds number. The angles of attack were selected to give detailed coverage near 0°. No analysis of the data is presented.

SYMBOLS

Values are given in both SI and U.S. Customary Units. The measurements and calculations were made in U.S. Customary Units.

C_p pressure coefficient, $\frac{p_l - p_\infty}{q_\infty}$ (CP in computer-generated tables)

ℓ body length, 35.56 cm (14.00 in.) (L in computer-generated tables)

M_∞ free-stream Mach number

p_l local surface pressure

p_t	tunnel stagnation pressure
p_∞	free-stream static pressure
q_∞	free-stream dynamic pressure
R	radius of 20° half-angle cone at axial location x, R = x tan 20°
T_t	tunnel stagnation temperature
x	axial coordinate (X in computer-generated tables)
α	angle of attack, deg
β	angle of sideslip, deg
θ	polar coordinate angle (clockwise from top looking aft), deg

MODELS

Pressure data representing six different forebody shapes were acquired by testing the four wind-tunnel models shown in figure 1. Each model has a body length ℓ of 35.56 cm (14.00 in.). Forebody 1 is a 20° half-angle, right circular cone. Forebody 2 is an elliptic cone with a ratio of vertical axis to horizontal axis of 2/1. Forebody 3 is an elliptic cone with an axis ratio of 3/1. Forebody 4 is an elliptic cone with an axis ratio of 1/2, obtained by rolling forebody 2 through 90°. Forebody 5 is an elliptic cone with an axis ratio of 1/3, obtained by rolling forebody 3 through 90°. For all of these elliptic cones, in the plane of the major axis of the ellipse, the angle between the surface and the cone axis is 20°. Forebody 6 is a cone having a lobed cross section defined in polar coordinates (r,θ) by the equation

$$\frac{r}{R} = \frac{1}{1.25 - 0.25 \cos 2\theta + 0.13174(\cos \theta - \cos 3\theta)}$$

where $R = x \tan 20°$ defines the top center line of the cone, from which the angle θ is measured.

The orifices, except for a few near the body nose, were the open ends of thin-wall tubing with an outside diameter of 1.27 mm (0.050 in.) (inside diameter approximately 0.97 mm (0.038 in.)), normal to and flush with the model surface. The few other orifices near the body nose were 0.71-mm (0.028-in.) diameter holes drilled into the sides of tubes lying just below the body surface. The orifices were located 1.27 cm (0.50 in.) apart in longitudinal rows, as shown in figure 1. (Note from the figure that orifices at some locations near the nose are omitted to relieve crowding.) The angular locations of the rows measured clockwise from the top of the model looking aft are given in the following table:

Row	Angular location, deg, of orifice rows for forebody -					
	1	2	3	4	5	6
1	0	0	0	0	0	0
2		10	10	-25	-30	10
3		20	20	-40	-50	20
4		35	30	-55	-60	35
5		50	40	-70	-70	50
6		65	60	-80	-80	70
7		90	90	-90	-90	90
8						110
9						130
10						145
11						160
12						180

TESTS

All tests were conducted in the Langley Unitary Plan wind tunnel. This is a variable Mach number, variable-pressure, continuous-flow tunnel with two test sections approximately 1.2 m (4 ft) square; it is fully described in reference 1.

The free-stream Mach numbers M_∞ of the tests were 1.70, 2.50, 3.95, and 4.50, and the free-stream Reynolds number was 6.6×10^6 per meter (2.0×10^6 per foot). A narrow strip of grit-type roughness elements was applied 3 cm (1.2 in.) from the nose to promote early transition to a completely turbulent boundary layer. Other tunnel parameters were as follows:

M_∞	Forebodies	T_t		p_t		q_∞		p_∞	
		K	^oF	kPa	lb/ft^2	kPa	lb/ft^2	kPa	lb/ft^2
1.70	All	339	150	56.4	1178	23.1	483	11.4	239
2.50	All	339	150	81.3	1698	20.8	435	4.7	99
3.95	1, 2	353	175	185.0	3863	14.2	297	1.3	27
	3, 5, 6	325	125	161.9	3382	12.4	260	1.1	24
4.50	1, 2	353	175	238.3	4978	11.7	244	.8	17
	3, 5, 6	325	125	208.9	4362	10.2	214	.7	15

Angle of attack ranged from approximately -5^o to 20^o and was measured with an accelerometer located in the model support sting. The measured angle of attack has been corrected for flow angularity in the test section. (This correction produced the somewhat peculiar angle-of-attack values in the results to be presented.)

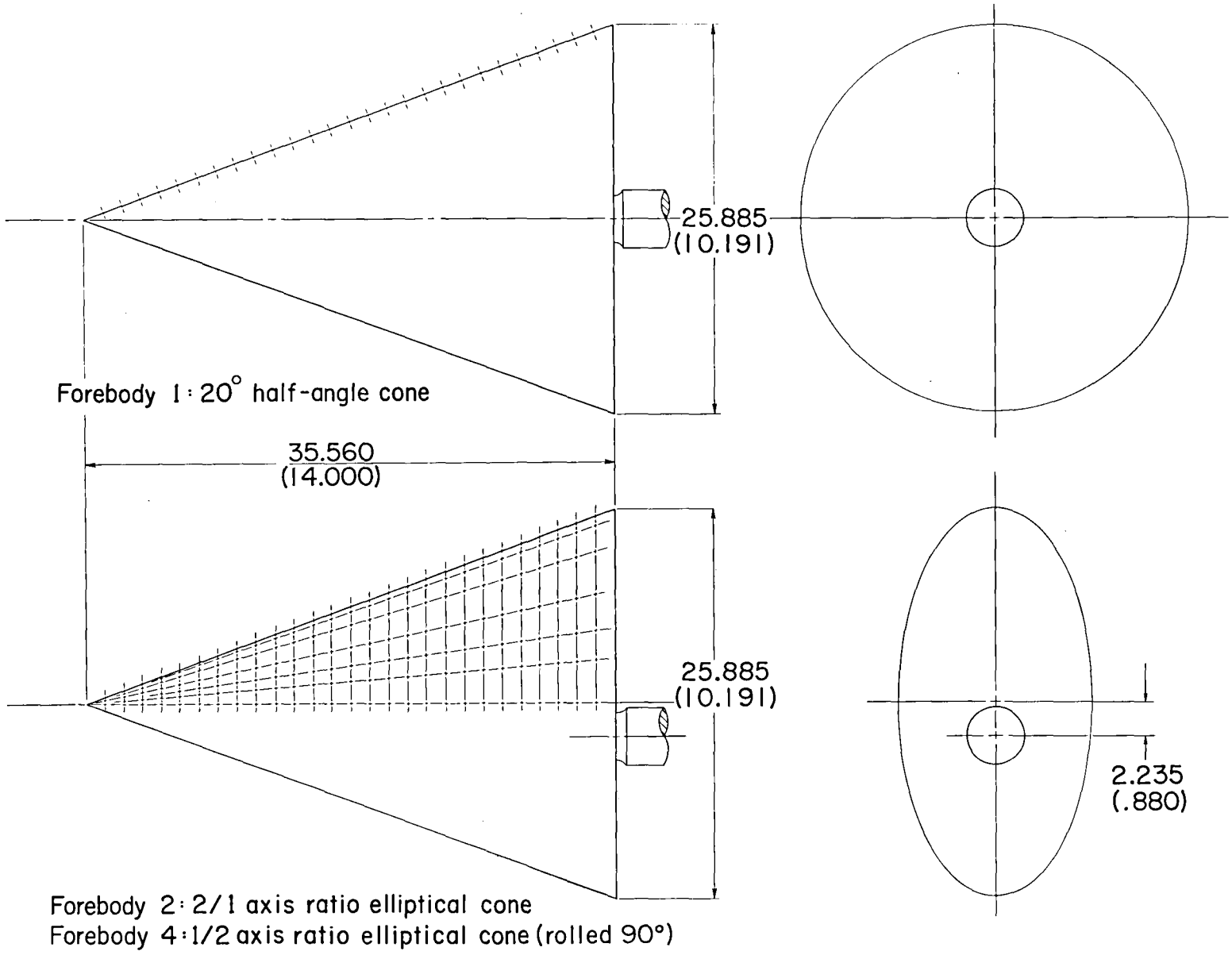


Figure 1.- Wind-tunnel models, showing orifice locations. Dimensions are in centimenters (inches).

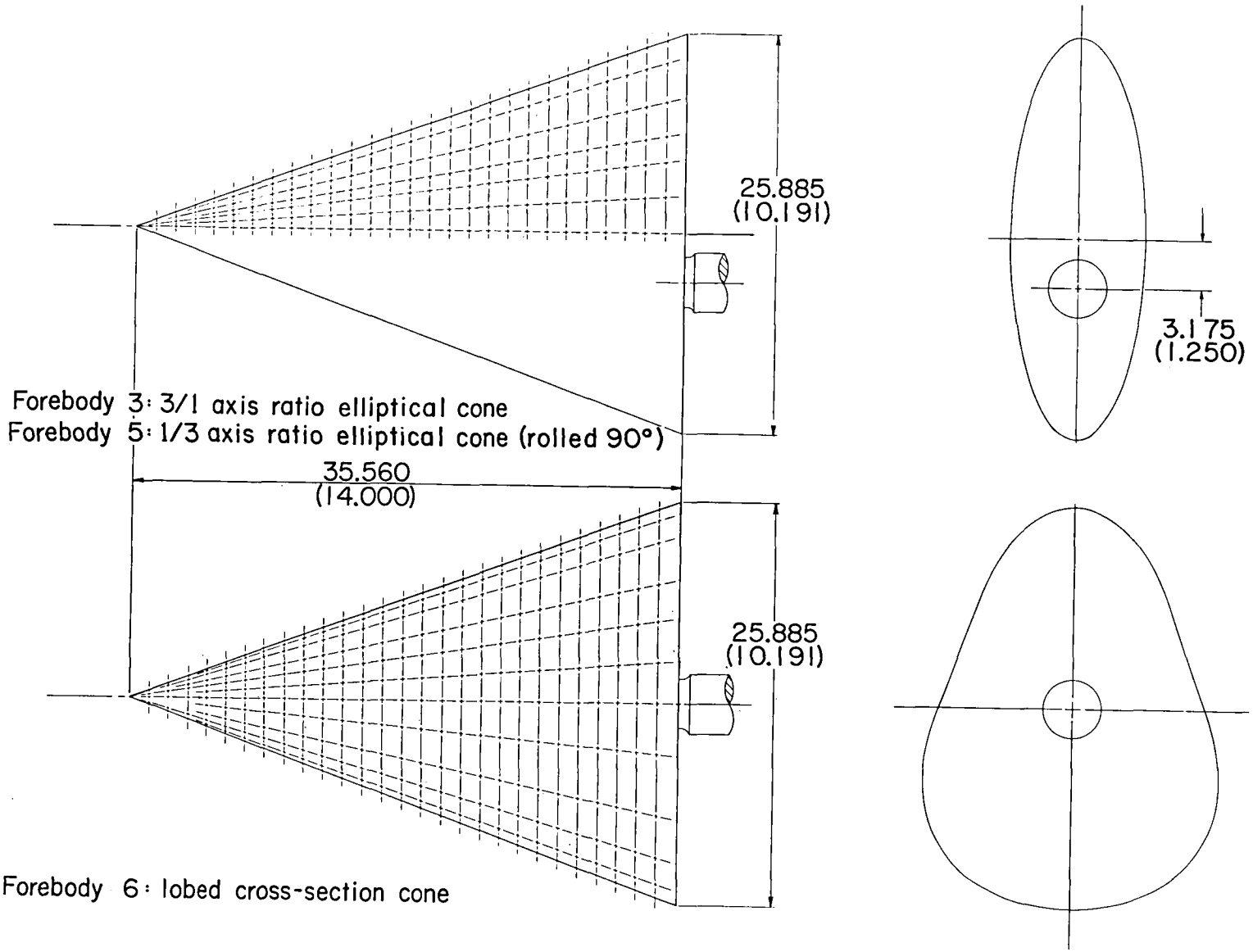


Figure 1.- Concluded.

Since each model was instrumented over only part of its surface, appropriate roll angles were used to simulate a fully instrumented forebody. For example, forebody 1 was tested with its single row of orifices rolled in 15° increments from 0° to 180°, but the data are presented as if the forebody had 13 rows of orifices spaced 15° apart and was not rolled. Similarly, the models were tested at negative as well as positive sideslip angles, but the data are presented as if the forebodies were instrumented on both sides and tested only at positive sideslip angles. Yaw mechanism calibrations were used to set the sideslip angles.

Pressures were measured by gauges with a range of 34 kPa (5 psi) connected to the orifice tubes by a scanning-valve system. Reference pressures connected to the scanning valves were used to provide continuous gauge calibrations for each test point. Two scanning valves were used for forebody 1; 6 for forebodies 2, 3, 4, and 5; and 10 for forebody 6. The scanning-valve system has an accuracy of approximately 1/2 percent of the gauge range, or 0.2 kPa (0.03 psi). Expressed in terms of pressure coefficient, this accuracy varied with q_∞ from 0.008 at the highest dynamic pressure to 0.017 at the lowest dynamic pressure of these tests.

PRESENTATION OF DATA

All pressure data from these tests have been reduced to pressure coefficients C_p and tabulated (as CP). No analysis of the data is presented. The data have been assembled to present in each subtable a complete pressure distribution at a single test condition. In combining the data for a given test condition the pressure coefficients have been averaged where duplicate data were taken (at $\theta = 0°$ and $180°$ for all but forebody 1, and at $\theta = 90°$ and $270°$ for forebodies 2, 3, 4, and 5). The values of α and β shown in the tables are average values for the tests from which the data were assembled; the values for the individual tests were generally within 0.02° of the average value. Note that each subtable has been divided to show data for the first half (X/L = 0.0357 to 0.5000) of the model on a left-hand page and data from the rest of the model (X/L = 0.5357 to 0.9643) on the facing page. The tables of pressure coefficients are arranged as follows:

Table	Forebody	M_∞	β (nominal), deg	Page
I(a)	1: 20° half-angle circular cone	1.70	0	10 to 13
I(b)		2.50	0	14 to 17
I(c)		3.95	0	18 to 19
I(d)		4.50	0	20 to 21
II(a)	2: 2/1 elliptical cone	1.70	0	22 to 25
II(b)			1	26 to 33
II(c)			3	34 to 41
II(d)			5	42 to 49

Table	Forebody	M_∞	β (nominal), deg	Page
II(e)	2: 2/1 elliptical cone	2.50	0	50 to 53
II(f)			1	54 to 61
II(g)			3	62 to 69
II(h)			5	70 to 77
II(i)		3.95	0	78 to 81
II(j)			1	82 to 85
II(k)			3	86 to 89
II(l)			5	90 to 97
II(m)		4.50	0	98 to 101
II(n)			1	102 to 109
II(o)			3	110 to 117
II(p)			5	118 to 125
III(a)	3: 3/1 elliptical cone	1.70	0	126 to 129
III(b)			1	130 to 137
III(c)			3	138 to 145
III(d)			5	146 to 153
III(e)		2.50	0	154 to 157
III(f)			1	158 to 165
III(g)			3	166 to 173
III(h)			5	174 to 181
III(i)		3.95	0	182 to 185
III(j)			1	186 to 191
III(k)			3	192 to 197
III(l)			5	198 to 205
III(m)		4.50	0	206 to 209
III(n)			1	210 to 215
III(o)			3	216 to 221
III(p)			5	222 to 229
IV(a)	4: 1/2 elliptical cone	1.70	0	230 to 233
IV(b)			1	234 to 241
IV(c)			3	242 to 249
IV(d)			5	250 to 257
IV(e)		2.50	0	258 to 261
IV(f)			1	262 to 269
IV(g)			3	270 to 277
IV(h)			5	278 to 285

Table	Forebody	M_∞	β (nominal), deg	Page
V(a)	5: 1/3 elliptical cone	1.70	0	286 to 289
V(b)			1	290 to 297
V(c)			3	298 to 305
V(d)			5	306 to 313
V(e)		2.50	0	314 to 317
V(f)			1	318 to 325
V(g)			3	326 to 333
V(h)			5	334 to 341
V(i)		3.95	0	342 to 345
V(j)			5	346 to 353
V(k)		4.50	0	354 to 357
V(l)			5	358 to 363
VI(a)	6: lobed cone	1.70	0	364 to 367
VI(b)			1	368 to 373
VI(c)			3	374 to 379
VI(d)			5	380 to 385
VI(e)		2.50	0	386 to 389
VI(f)			1	390 to 395
VI(g)			3	396 to 401
VI(h)			5	402 to 407
VI(i)		3.95	0	408 to 411
VI(j)			1	412 to 415
VI(k)			3	416 to 419
VI(l)			5	420 to 425
VI(m)		4.50	0	426 to 429
VI(n)			1	430 to 433
VI(o)			3	434 to 437
VI(p)			5	438 to 443

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January 2, 1979

REFERENCE

1. Schaefer, William T., Jr.: Characteristics of Major Active Wind Tunnels at the Langley Research Center. NASA TM X-1130, 1965.

TABLE I. - FOREBODY 1, 20-DEG RIGHT CIRCULAR CONE

(A) MACH = 1.70, BETA = 0.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -4.55 DEG							
0.	.4950	.4970	.4902		.4790	.4838	.4753	.4808	.4779	.4779	.4890	.4913	.4909	.4868
15.	.4878	.4891	.4811		.4743	.4778	.4695	.4799	.4711	.4708	.4881	.4856	.4847	.4828
30.	.4737	.4754	.4657		.4613	.4631	.4550	.4671	.4572	.4578	.4779	.4755	.4713	.4704
45.	.4497	.4539	.4456		.4403	.4425	.4322	.4459	.4381	.4405	.4590	.4536	.4488	.4491
60.	.4216	.4241	.4166		.4130	.4144	.4069	.4198	.4111	.4173	.4342	.4263	.4221	.4224
75.	.3932	.3962	.3906		.3857	.3863	.3799	.3937	.3858	.3911	.4042	.3968	.3933	.3943
90.	.3652	.3689	.3626		.3585	.3597	.3517	.3648	.3579	.3640	.3759	.3672	.3661	.3698
105.	.3398	.3434	.3382		.3325	.3358	.3271	.3420	.3328	.3393	.3498	.3412	.3407	.3439
120.	.3208	.3237	.3186		.3101	.3143	.3066	.3206	.3102	.3163	.3268	.3196	.3177	.3198
135.	.3047	.3089	.3006		.2943	.3002	.2914	.3028	.2960	.2947	.3093	.3035	.3006	.3012
150.	.2947	.3008	.2897		.2843	.2902	.2829	.2896	.2838	.2804	.2954	.2955	.2934	.2916
165.	.2912	.2963	.2828		.2773	.2821	.2763	.2818	.2733	.2720	.2851	.2885	.2871	.2868
180.	.2898	.2952	.2783		.2753	.2796	.2752	.2793	.2699	.2722	.2842	.2845	.2854	.2856
							FOR ALPHA = -2.61 DEG							
0.	.4501	.4518	.4454		.4317	.4360	.4296	.4383	.4303	.4285	.4421	.4425	.4400	.4375
15.	.4460	.4479	.4392		.4302	.4327	.4261	.4363	.4263	.4246	.4416	.4400	.4369	.4360
30.	.4378	.4375	.4282		.4204	.4237	.4165	.4264	.4188	.4175	.4325	.4330	.4323	.4290
45.	.4271	.4254	.4152		.4086	.4128	.4059	.4146	.4088	.4096	.4259	.4243	.4224	.4185
60.	.4102	.4094	.3997		.3951	.3990	.3895	.4003	.3975	.3966	.4117	.4099	.4070	.4041
75.	.3940	.3942	.3839		.3780	.3823	.3738	.3857	.3795	.3824	.3974	.3921	.3891	.3881
90.	.3784	.3775	.3670		.3636	.3658	.3583	.3707	.3642	.3685	.3836	.3780	.3731	.3732
105.	.3622	.3616	.3527		.3497	.3507	.3431	.3542	.3504	.3536	.3681	.3618	.3571	.3584
120.	.3492	.3476	.3391		.3356	.3378	.3302	.3404	.3349	.3377	.3526	.3470	.3432	.3441
135.	.3397	.3384	.3298		.3250	.3277	.3211	.3302	.3257	.3234	.3401	.3376	.3322	.3330
150.	.3323	.3327	.3226		.3168	.3218	.3154	.3223	.3150	.3138	.3283	.3300	.3271	.3258
165.	.3285	.3278	.3222		.3114	.3171	.3131	.3181	.3091	.3064	.3186	.3233	.3251	.3222
180.	.3276	.3281	.3220		.3091	.3152	.3120	.3161	.3082	.3065	.3193	.3206	.3196	.3211
							FOR ALPHA = -1.61 DEG							
0.	.4304	.4290	.4231		.4096	.4141	.4077	.4149	.4055	.4049	.4197	.4196	.4156	.4153
15.	.4281	.4270	.4196		.4068	.4117	.4046	.4137	.4040	.4028	.4175	.4176	.4144	.4150
30.	.4232	.4220	.4142		.4015	.4069	.3994	.4079	.4000	.3997	.4127	.4159	.4124	.4099
45.	.4140	.4135	.4030		.3935	.3961	.3917	.3991	.3949	.3948	.4085	.4086	.4055	.4020
60.	.4055	.4025	.3921		.3847	.3886	.3818	.3912	.3868	.3880	.4015	.3998	.3976	.3942
75.	.3944	.3931	.3818		.3728	.3782	.3706	.3820	.3773	.3787	.3933	.3897	.3866	.3844
90.	.3860	.3819	.3712		.3642	.3700	.3611	.3709	.3669	.3697	.3828	.3797	.3756	.3750
105.	.3745	.3714	.3594		.3547	.3583	.3504	.3613	.3571	.3590	.3738	.3697	.3658	.3654
120.	.3668	.3635	.3511		.3452	.3497	.3413	.3528	.3467	.3484	.3646	.3611	.3558	.3566
135.	.3597	.3566	.3431		.3389	.3435	.3359	.3440	.3386	.3376	.3551	.3545	.3485	.3482
150.	.3547	.3521	.3392		.3329	.3378	.3320	.3398	.3338	.3305	.3445	.3481	.3453	.3424
165.	.3525	.3490	.3405		.3300	.3356	.3300	.3375	.3288	.3252	.3385	.3433	.3436	.3410
180.	.3511	.3493	.3437		.3278	.3335	.3312	.3370	.3273	.3249	.3386	.3419	.3411	.3416
							FOR ALPHA = -.59 DEG							
0.	.4075	.4087	.4022		.3891	.3932	.3855	.3921	.3833	.3814	.3948	.3941	.3921	.3947
15.	.4046	.4065	.4005		.3848	.3905	.3833	.3897	.3806	.3795	.3938	.3931	.3920	.3934
30.	.4021	.4045	.3993		.3822	.3869	.3808	.3863	.3809	.3791	.3927	.3939	.3912	.3907
45.	.3995	.4014	.3937		.3759	.3835	.3763	.3838	.3793	.3778	.3922	.3930	.3892	.3857
60.	.3949	.3976	.3899		.3718	.3777	.3694	.3782	.3756	.3758	.3897	.3901	.3859	.3813
75.	.3927	.3924	.3834		.3675	.3726	.3648	.3773	.3736	.3746	.3866	.3863	.3821	.3801
90.	.3882	.3863	.3776		.3625	.3685	.3602	.3705	.3681	.3696	.3821	.3810	.3778	.3750
105.	.3829	.3817	.3715		.3586	.3629	.3561	.3655	.3623	.3633	.3792	.3769	.3733	.3712
120.	.3806	.3779	.3671		.3541	.3614	.3537	.3601	.3578	.3575	.3754	.3719	.3679	.3677
135.	.3768	.3742	.3642		.3520	.3587	.3508	.3570	.3540	.3532	.3685	.3694	.3646	.3639
150.	.3764	.3728	.3626		.3490	.3557	.3533	.3549	.3506	.3492	.3614	.3682	.3645	.3619
165.	.3753	.3720	.3616		.3484	.3546	.3487	.3551	.3499	.3455	.3585	.3640	.3645	.3620
180.	.3734	.3710	.3633		.3471	.3530	.3511	.3555	.3484	.3453	.3592	.3629	.3629	.3619
							FOR ALPHA = .40 DEG							
0.	.3858	.3879	.3815		.3676	.3707	.3642	.3718	.3614	.3601	.3711	.3697	.3705	.3755
15.	.3867	.3881	.3817		.3679	.3698	.3642	.3686	.3610	.3600	.3713	.3716	.3731	.3746
30.	.3863	.3889	.3824		.3655	.3692	.3630	.3669	.3633	.3621	.3731	.3746	.3744	.3742
45.	.3859	.3894	.3829		.3634	.3684	.3599	.3655	.3642	.3627	.3757	.3782	.3741	.3712
60.	.3854	.3894	.3832		.3628	.3668	.3587	.3690	.3653	.3642	.3788	.3801	.3739	.3714
75.	.3877	.3905	.3865		.3631	.3681	.3611	.3702	.3683	.3679	.3821	.3812	.3753	.3726
90.	.3883	.3906	.3860		.3619	.3665	.3605	.3699	.3685	.3688	.3812	.3820	.3772	.3760
105.	.3891	.3915	.3848		.3624	.3678	.3619	.3712	.3691	.3704	.3833	.3824	.3784	.3763
120.	.3914	.3918	.3852		.3638	.3698	.3631	.3699	.3688	.3679	.3851	.3838	.3797	.3779
135.	.3922	.3934	.3844		.3645	.3725	.3654	.3712	.3691	.3673	.3837	.3848	.3803	.3791
150.	.3943	.3959	.3855		.3668	.3724	.3670	.3730	.3690	.3666	.3804	.3852	.3838	.3805
165.	.3953	.3947	.3863		.3655	.3729	.3686	.3751	.3671	.3664	.3787	.3843	.3839	.3829
180.	.3956	.3952	.3850		.3684	.3740	.3692	.3758	.3682	.3668	.3802	.3820	.3833	.3834
							FOR ALPHA = 1.39 DEG							
0.	.3667	.3686	.3628		.3477	.3497	.3440	.3497	.3398	.3374	.3487	.3499	.3527	.3565
15.	.3669	.3698	.3658		.3472	.3497	.3433	.3484	.3414	.3386	.3484	.3528	.3545	.3554
30.	.3692	.3707	.3713		.3483	.3504	.3439	.3476	.3449	.3419	.3526	.3565	.3552	.3559
45.	.3725	.3733	.3748		.3489	.3522	.3438	.3510	.3490	.3478	.3587	.3605	.3584	.3580
60.	.3771	.3784	.3803		.3520	.3559	.3462	.3569	.3550	.3537	.3666	.3678	.3623	.3604
75.	.3835	.3863	.3853		.3549	.3595	.3500	.3637	.3616	.3613	.3733	.3742	.3690	.3654
90.	.3904	.3922	.3918		.3599	.3649	.3576	.3703	.3688	.3691	.3799	.3805	.3756	.3729
105.	.3950	.3985	.3986		.3660	.3723	.3655	.3752	.3756	.3745	.3860	.3883	.3839	.3813
120.	.4028	.4046	.4021		.3732	.3791	.3723	.3802	.3785	.3793	.3922	.3930	.3944	.3873
135.	.4094	.4103	.4049		.3796	.3842	.3798	.3850	.3829	.3818	.3950	.3990	.3967	.3951
150.	.4155	.4151	.4078		.3830	.3901	.3849	.3908	.3865	.3851	.3976	.4020	.4020	.4005
165.	.4169	.4171	.4094		.3875	.3918	.3874	.3934	.3878	.3868	.4003	.4035	.4055	.4044
180.	.4191	.4191	.4111		.3907	.3942	.3877	.3965	.3886	.3876	.4028	.4034	.4040	.4062

TABLE I. - CONTINUED

(A) MACH = 1.70, BETA = 0.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.55 DEG								
0.	.4861	.4724	.4844	.4873	.4904	.4898	.4925	.4844	.4898	.4895	.4849	.4809	.4732	0.
15.	.4813	.4649	.4769	.4795	.4843	.4822	.4858	.4812	.4800	.4824	.4803	.4743	.4698	15.
30.	.4686	.4515	.4634	.4662	.4704	.4701	.4686	.4612	.4629	.4671	.4652	.4656	.4555	30.
45.	.4471	.4310	.4439	.4460	.4509	.4444	.4398	.4384	.4413	.4444	.4447	.4444	.4340	45.
60.	.4219	.4070	.4184	.4213	.4179	.4094	.4138	.4085	.4113	.4160	.4172	.4159	.4057	60.
75.	.3939	.3794	.3918	.3948	.3841	.3822	.3856	.3817	.3831	.3855	.3853	.3846	.3816	75.
90.	.3661	.3513	.3650	.3663	.3567	.3555	.3574	.3519	.3538	.3559	.3565	.3564	.3589	90.
105.	.3392	.3249	.3403	.3396	.3338	.3314	.3323	.3305	.3302	.3314	.3308	.3304	.3327	105.
120.	.3191	.3051	.3164	.3212	.3160	.3119	.3126	.3095	.3095	.3127	.3107	.3097	.3053	120.
135.	.3020	.2892	.2993	.3048	.3077	.2988	.2975	.2940	.2969	.2984	.2974	.2964	.2864	135.
150.	.2901	.2788	.2892	.2933	.2980	.2953	.2910	.2848	.2866	.2909	.2903	.2839	.2767	150.
165.	.2844	.2721	.2834	.2862	.2885	.2881	.2880	.2856	.2818	.2807	.2782	.2772	.2674	165.
180.	.2828	.2715	.2818	.2820	.2841	.2891	.2903	.2826	.2816	.2793	.2756	.2761	.2671	180.
						FOR ALPHA = -2.61 DEG								
0.	.4402	.4278	.4406	.4426	.4446	.4433	.4440	.4410	.4425	.4442	.4397	.4347	.4275	0.
15.	.4367	.4239	.4360	.4373	.4408	.4397	.4389	.4387	.4366	.4367	.4363	.4312	.4223	15.
30.	.4273	.4137	.4274	.4274	.4313	.4324	.4311	.4233	.4258	.4265	.4256	.4244	.4165	30.
45.	.4168	.4008	.4144	.4166	.4225	.4185	.4132	.4093	.4109	.4154	.4161	.4149	.4054	45.
60.	.4015	.3865	.3995	.4024	.4062	.3960	.3960	.3930	.3964	.3981	.4003	.4004	.3889	60.
75.	.3880	.3734	.3853	.3875	.3794	.3779	.3790	.3754	.3786	.3810	.3809	.3799	.3760	75.
90.	.3737	.3579	.3691	.3735	.3636	.3612	.3637	.3606	.3621	.3643	.3650	.3644	.3630	90.
105.	.3570	.3425	.3544	.3584	.3504	.3447	.3484	.3442	.3473	.3489	.3483	.3475	.3444	105.
120.	.3438	.3286	.3403	.3459	.3417	.3335	.3342	.3331	.3354	.3366	.3346	.3343	.3276	120.
135.	.3345	.3212	.3294	.3305	.3363	.3304	.3269	.3238	.3269	.3283	.3277	.3225	.3176	135.
150.	.3254	.3139	.3221	.3211	.3256	.3309	.3247	.3172	.3186	.3216	.3242	.3235	.3118	150.
165.	.3208	.3086	.3178	.3162	.3213	.3225	.3239	.3188	.3202	.3208	.3160	.3147	.3057	165.
180.	.3207	.3074	.3165	.3163	.3189	.3171	.3200	.3248	.3228	.3202	.3136	.3079	.3018	180.
						FOR ALPHA = -1.61 DEG								
0.	.4197	.4054	.4183	.4199	.4230	.4189	.4198	.4168	.4184	.4211	.4182	.4164	.4044	0.
15.	.4165	.4027	.4143	.4169	.4204	.4171	.4166	.4165	.4161	.4175	.4139	.4118	.4015	15.
30.	.4102	.3975	.4087	.4092	.4149	.4148	.4127	.4073	.4067	.4099	.4070	.4071	.3981	30.
45.	.3994	.3887	.3998	.4024	.4082	.4037	.3987	.3953	.3979	.4010	.3997	.3985	.3893	45.
60.	.3923	.3784	.3912	.3948	.3990	.3872	.3875	.3853	.3870	.3907	.3918	.3916	.3798	60.
75.	.3831	.3706	.3821	.3865	.3783	.3750	.3755	.3736	.3748	.3789	.3794	.3779	.3730	75.
90.	.3758	.3606	.3724	.3754	.3662	.3657	.3658	.3619	.3644	.3674	.3655	.3655	.3630	90.
105.	.3649	.3511	.3612	.3674	.3587	.3521	.3551	.3530	.3543	.3559	.3554	.3546	.3512	105.
120.	.3570	.3424	.3520	.3551	.3541	.3449	.3458	.3455	.3474	.3482	.3468	.3470	.3389	120.
135.	.3494	.3366	.3440	.3452	.3503	.3441	.3409	.3388	.3408	.3421	.3431	.3417	.3323	135.
150.	.3435	.3323	.3405	.3393	.3409	.3439	.3439	.3357	.3366	.3396	.3393	.3403	.3301	150.
165.	.3403	.3283	.3386	.3364	.3388	.3396	.3424	.3395	.3377	.3421	.3385	.3344	.3246	165.
180.	.3399	.3278	.3364	.3360	.3382	.3359	.3369	.3405	.3452	.3413	.3355	.3322	.3224	180.
						FOR ALPHA = -.59 DEG								
0.	.3969	.3841	.3960	.3972	.4010	.3979	.3985	.3941	.3962	.3975	.3947	.3937	.3822	0.
15.	.3938	.3819	.3930	.3955	.3965	.3948	.3958	.3927	.3931	.3938	.3912	.3894	.3795	15.
30.	.3899	.3785	.3903	.3914	.3950	.3931	.3941	.3874	.3874	.3900	.3876	.3878	.3781	30.
45.	.3850	.3743	.3846	.3889	.3923	.3898	.3847	.3810	.3826	.3846	.3848	.3845	.3744	45.
60.	.3801	.3698	.3813	.3830	.3861	.3778	.3767	.3723	.3761	.3804	.3812	.3800	.3687	60.
75.	.3784	.3653	.3768	.3825	.3756	.3711	.3701	.3698	.3713	.3752	.3754	.3742	.3683	75.
90.	.3753	.3608	.3742	.3770	.3672	.3666	.3652	.3622	.3657	.3685	.3669	.3663	.3648	90.
105.	.3710	.3576	.3675	.3722	.3655	.3587	.3607	.3587	.3590	.3616	.3626	.3617	.3568	105.
120.	.3682	.3540	.3625	.3654	.3673	.3567	.3578	.3552	.3578	.3592	.3589	.3579	.3489	120.
135.	.3643	.3520	.3594	.3585	.3664	.3608	.3545	.3518	.3570	.3582	.3566	.3563	.3472	135.
150.	.3611	.3489	.3578	.3563	.3581	.3590	.3604	.3521	.3528	.3564	.3551	.3549	.3476	150.
165.	.3607	.3471	.3583	.3573	.3576	.3576	.3594	.3594	.3569	.3599	.3597	.3572	.3459	165.
180.	.3596	.3465	.3581	.3568	.3578	.3554	.3573	.3549	.3673	.3653	.3571	.3498	.3433	180.
						FOR ALPHA = .40 DEG								
0.	.3748	.3633	.3755	.3754	.3772	.3755	.3754	.3749	.3747	.3748	.3747	.3684	.3608	0.
15.	.3762	.3631	.3753	.3756	.3777	.3751	.3753	.3725	.3746	.3740	.3721	.3701	.3600	15.
30.	.3736	.3615	.3727	.3743	.3767	.3755	.3777	.3692	.3703	.3716	.3705	.3698	.3611	30.
45.	.3724	.3603	.3710	.3731	.3794	.3746	.3698	.3653	.3674	.3694	.3694	.3695	.3607	45.
60.	.3708	.3600	.3702	.3761	.3776	.3692	.3670	.3633	.3658	.3691	.3713	.3699	.3573	60.
75.	.3722	.3604	.3732	.3765	.3711	.3674	.3687	.3630	.3665	.3697	.3719	.3669	.3619	75.
90.	.3740	.3610	.3754	.3759	.3676	.3662	.3658	.3632	.3666	.3684	.3675	.3677	.3647	90.
105.	.3762	.3632	.3742	.3786	.3699	.3659	.3667	.3653	.3657	.3685	.3685	.3669	.3615	105.
120.	.3786	.3641	.3740	.3762	.3777	.3666	.3665	.3664	.3677	.3690	.3700	.3686	.3596	120.
135.	.3783	.3667	.3749	.3743	.3796	.3759	.3681	.3667	.3714	.3732	.3715	.3714	.3610	135.
150.	.3803	.3693	.3776	.3753	.3781	.3773	.3773	.3715	.3735	.3743	.3749	.3748	.3677	150.
165.	.3804	.3659	.3784	.3774	.3764	.3748	.3779	.3791	.3771	.3781	.3810	.3744	.3651	165.
180.	.3815	.3671	.3776	.3780	.3791	.3762	.3760	.3743	.3836	.3888	.3790	.3703	.3626	180.
						FOR ALPHA = 1.39 DEG								
0.	.3560	.3454	.3556	.3554	.3572	.3550	.3559	.3547	.3520	.3541	.3529	.3510	.3417	0.
15.	.3562	.3446	.3550	.3548	.3569	.3551	.3547	.3536	.3537	.3535	.3503	.3501	.3415	15.
30.	.3554	.3422	.3557	.3554	.3569	.3562	.3561	.3490	.3501	.3511	.3511	.3510	.3416	30.
45.	.3573	.3445	.3562	.3588	.3634	.3584	.3547	.3517	.3518	.3539	.3548	.3541	.3455	45.
60.	.3615	.3482	.3610	.3646	.3658	.3585	.3551	.3532	.3566	.3590	.3595	.3578	.3477	60.
75.	.3669	.3552	.3661	.3714	.3634	.3607	.3591	.3573	.3599	.3637	.3645	.3621	.3559	75.
90.	.3730	.3605	.3723	.3760	.3660	.3651	.3643	.3628	.3658	.3686	.3666	.3659	.3639	90.
105.	.3799	.3682	.3799	.3832	.3736	.3716	.3715	.3691	.3726	.3728	.3723	.3721	.3687	105.
120.	.3874	.3740	.3831	.3858	.3871	.3768	.3753	.3761	.3757	.3788	.3785	.3778	.3683	120.
135.	.3939	.3818	.3906	.3894	.3959	.3900	.3826	.3817	.3857	.3883	.3849	.3849	.3772	135.
150.	.3993	.3854	.3961	.3943	.3951	.3971	.3942	.3889	.3911	.3940	.3924	.3914	.3858	150.
165.	.4009	.3869	.3977	.3988	.3989	.3941	.3968	.3958	.3985	.3971	.4010	.3986	.3859	165.
180.	.4041	.3881	.3998	.4009	.4019	.3972	.3946	.3954	.4020	.4092	.4024	.3925	.3840	180.

TABLE I. - CONTINUED

(A) MACH = 1.70, BETA = 0.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.40 DEG								
0.	.3472	.3492	.3447		.3281	.3302	.3244	.3283	.3188	.3173	.3273	.3318	.3356	.3360
15.	.3469	.3510	.3489		.3278	.3291	.3242	.3282	.3203	.3172	.3272	.3349	.3360	.3362
30.	.3515	.3540	.3535		.3300	.3321	.3261	.3279	.3275	.3224	.3335	.3400	.3374	.3384
45.	.3584	.3608	.3601		.3344	.3358	.3288	.3350	.3332	.3310	.3430	.3457	.3431	.3421
60.	.3663	.3675	.3702		.3408	.3430	.3338	.3439	.3433	.3434	.3527	.3544	.3492	.3493
75.	.3760	.3803	.3840		.3483	.3526	.3437	.3547	.3539	.3544	.3648	.3663	.3603	.3587
90.	.3890	.3910	.3967		.3582	.3631	.3550	.3681	.3658	.3652	.3783	.3787	.3737	.3705
105.	.4011	.4029	.4089		.3709	.3750	.3671	.3778	.3774	.3778	.3897	.3912	.3868	.3842
120.	.4125	.4153	.4193		.3808	.3871	.3802	.3898	.3901	.3900	.4001	.4027	.4012	.3973
135.	.4265	.4253	.4285		.3919	.3968	.3925	.3981	.3982	.3979	.4100	.4142	.4128	.4091
150.	.4349	.4358	.4335		.4022	.4077	.4025	.4086	.4037	.4028	.4164	.4243	.4205	.4191
165.	.4408	.4405	.4340		.4081	.4138	.4079	.4157	.4081	.4069	.4238	.4270	.4268	.4259
180.	.4428	.4418	.4355		.4115	.4164	.4090	.4177	.4106	.4109	.4259	.4279	.4270	.4274
						FOR ALPHA = 3.38 DEG								
0.	.3279	.3335	.3256		.3085	.3125	.3053	.3082	.2996	.2982	.3105	.3140	.3167	.3186
15.	.3295	.3345	.3280		.3080	.3112	.3043	.3077	.3009	.2976	.3112	.3171	.3163	.3183
30.	.3342	.3373	.3324		.3115	.3151	.3066	.3112	.3087	.3028	.3165	.3224	.3206	.3210
45.	.3433	.3461	.3480		.3187	.3210	.3121	.3198	.3176	.3169	.3276	.3298	.3278	.3277
60.	.3542	.3578	.3646		.3296	.3307	.3218	.3314	.3305	.3307	.3402	.3415	.3434	.3388
75.	.3701	.3720	.3803		.3430	.3440	.3348	.3454	.3490	.3473	.3563	.3575	.3537	.3526
90.	.3867	.3892	.3956		.3566	.3585	.3501	.3613	.3621	.3642	.3735	.3749	.3688	.3679
105.	.4049	.4078	.4166		.3747	.3774	.3687	.3811	.3824	.3798	.3906	.3944	.3904	.3882
120.	.4242	.4243	.4346		.3903	.3951	.3870	.3983	.3974	.3986	.4076	.4124	.4081	.4053
135.	.4416	.4421	.4472		.4077	.4118	.4034	.4121	.4120	.4126	.4239	.4302	.4270	.4244
150.	.4556	.4553	.4548		.4202	.4240	.4188	.4248	.4236	.4231	.4357	.4428	.4399	.4380
165.	.4648	.4650	.4596		.4295	.4343	.4282	.4371	.4299	.4292	.4457	.4485	.4486	.4484
180.	.4671	.4667	.4580		.4347	.4376	.4325	.4415	.4331	.4350	.4486	.4511	.4502	.4505
						FOR ALPHA = 5.38 DEG								
0.	.2931	.2992	.2787		.2712	.2727	.2641	.2678	.2649	.2643	.2773	.2813	.2825	.2821
15.	.2958	.3010	.2812		.2727	.2751	.2655	.2686	.2664	.2663	.2814	.2847	.2837	.2839
30.	.3024	.3054	.2919		.2784	.2795	.2707	.2757	.2718	.2748	.2862	.2896	.2885	.2895
45.	.3139	.3160	.3059		.2870	.2871	.2807	.2851	.2844	.2888	.2954	.2998	.2976	.2987
60.	.3309	.3312	.3290		.3027	.3013	.2982	.3001	.3050	.3050	.3113	.3161	.3137	.3132
75.	.3531	.3546	.3538		.3225	.3213	.3199	.3221	.3296	.3275	.3344	.3370	.3352	.3343
90.	.3808	.3809	.3845		.3473	.3465	.3441	.3509	.3573	.3555	.3615	.3646	.3610	.3615
105.	.4123	.4136	.4173		.3772	.3771	.3754	.3830	.3871	.3873	.3930	.3959	.3926	.3928
120.	.4436	.4465	.4489		.4073	.4066	.4010	.4131	.4147	.4139	.4237	.4288	.4235	.4245
135.	.4736	.4753	.4799		.4371	.4356	.4305	.4420	.4423	.4422	.4524	.4592	.4552	.4531
150.	.4975	.4980	.4966		.4605	.4613	.4527	.4651	.4635	.4637	.4755	.4816	.4790	.4765
165.	.5137	.5143	.5051		.4760	.4786	.4726	.4813	.4778	.4773	.4924	.4965	.4959	.4937
180.	.5180	.5199	.5075		.4827	.4858	.4777	.4873	.4830	.4831	.4992	.5001	.4997	.5002
						FOR ALPHA = 10.43 DEG								
0.	.2092	.2157	.1830		.1882	.1938	.1934	.2017	.1966	.1941	.2028	.2024	.1998	.1999
15.	.2101	.2166	.1854		.1888	.1940	.1937	.2008	.1980	.1955	.2042	.2037	.2014	.2019
30.	.2148	.2175	.1974		.1928	.1992	.1977	.2021	.2033	.2000	.2060	.2115	.2080	.2065
45.	.2271	.2265	.2196		.2022	.2098	.2085	.2112	.2136	.2106	.2159	.2208	.2209	.2198
60.	.2496	.2457	.2393		.2217	.2321	.2306	.2282	.2329	.2308	.2366	.2400	.2409	.2444
75.	.2839	.2816	.2735		.2532	.2650	.2668	.2626	.2692	.2667	.2714	.2743	.2752	.2814
90.	.3373	.3357	.3253		.3065	.3177	.3185	.3149	.3201	.3162	.3236	.3266	.3279	.3320
105.	.4025	.4033	.3853		.3678	.3792	.3809	.3754	.3839	.3801	.3868	.3901	.3913	.3960
120.	.4748	.4753	.4582		.4353	.4477	.4502	.4464	.4544	.4507	.4543	.4620	.4600	.4626
135.	.5459	.5435	.5367		.5023	.5125	.5153	.5180	.5201	.5153	.5214	.5276	.5253	.5290
150.	.6044	.6024	.5907		.5562	.5650	.5672	.5752	.5761	.5726	.5783	.5831	.5826	.5822
165.	.6421	.6386	.6251		.5927	.6033	.6014	.6141	.6117	.6060	.6178	.6191	.6191	.6189
180.	.6483	.6506	.6332		.6077	.6187	.6157	.6315	.6240	.6190	.6380	.6321	.6318	.6317
						FOR ALPHA = 15.51 DEG								
0.	.1528	.1596	.1306		.1322	.1363	.1343	.1409	.1376	.1359	.1422	.1410	.1385	.1355
15.	.1507	.1561	.1280		.1284	.1327	.1317	.1368	.1351	.1326	.1416	.1393	.1342	.1346
30.	.1451	.1486	.1342		.1235	.1269	.1248	.1266	.1286	.1284	.1326	.1324	.1289	.1301
45.	.1436	.1423	.1290		.1210	.1271	.1239	.1215	.1260	.1275	.1249	.1270	.1299	.1294
60.	.1585	.1547	.1504		.1348	.1426	.1404	.1386	.1433	.1434	.1394	.1405	.1432	.1448
75.	.2023	.1983	.2017		.1816	.1860	.1820	.1830	.1881	.1876	.1846	.1834	.1868	.1886
90.	.2803	.2773	.2874		.2624	.2663	.2613	.2583	.2683	.2675	.2639	.2641	.2654	.2659
105.	.3884	.3830	.3916		.3683	.3709	.3648	.3559	.3680	.3746	.3695	.3686	.3691	.3698
120.	.5093	.5016	.4933		.4796	.4862	.4773	.4648	.4816	.4865	.4863	.4843	.4844	.4846
135.	.6289	.6184	.6141		.5893	.5960	.5894	.5789	.5924	.5966	.6007	.5997	.5988	.5969
150.	.7266	.7150	.7040		.6793	.6877	.6786	.6803	.6853	.6862	.6944	.6951	.6894	.6905
165.	.7890	.7787	.7566		.7415	.7497	.7452	.7495	.7495	.7489	.7613	.7573	.7553	.7542
180.	.7994	.8017	.7806		.7662	.7738	.7666	.7763	.7710	.7707	.7864	.7796	.7759	.7767
						FOR ALPHA = 21.01 DEG								
0.	.1006	.1068	.0960		.0902	.0931	.0902	.0969	.0937	.0909	.0981	.0968	.0955	.0937
15.	.0772	.0720	.0593		.0786	.0808	.0805	.0864	.0849	.0816	.0867	.0884	.0862	.0858
30.	.0737	.0714	.0520		.0597	.0622	.0586	.0591	.0600	.0577	.0624	.0653	.0631	.0705
45.	.0495	.0543	.0349		.0182	.0273	.0270	.0287	.0286	.0243	.0285	.0290	.0311	.0426
60.	.0421	.0354	.0386		.0164	.0214	.0189	.0220	.0195	.0174	.0243	.0224	.0278	.0325
75.	.0908	.0781	.0919		.0755	.0828	.0756	.0775	.0728	.0646	.0727	.0742	.0797	.0889
90.	.2032	.1972	.2025		.1955	.2032	.1942	.1970	.1880	.1860	.1891	.1886	.1942	.2075
105.	.3628	.3578	.3677		.3445	.3472	.3445	.3371	.3420	.3421	.3414	.3412	.3472	.3646
120.	.5484	.5293	.5380		.5061	.5170	.5102	.4870	.5112	.5125	.5090	.5123	.5135	.5255
135.	.7194	.7011	.6853		.6670	.6764	.6772	.6559	.6755	.6741	.6720	.6792	.6754	.6832
150.	.8543	.8445	.8232		.8058	.8100	.8134	.8049	.8113	.8116	.8141	.8155	.8151	.8165
165.	.9438	.9403	.9058		.8976	.9050	.9037	.9018	.9012	.9031	.9092	.9055	.9084	.9072
180.	.9713	.9762	.9408		.9341	.9393	.9376	.9385	.9354	.9390	.9450	.9404	.9408	.9396

TABLE I. - CONTINUED

(A) MACH = 1.70, BETA = 0.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.40 DEG								
0.	.3370	.3254	.3347	.3337	.3376	.3344	.3348	.3334	.3313	.3352	.3318	.3309	.3226	0.
15.	.3362	.3263	.3340	.3342	.3381	.3342	.3347	.3342	.3338	.3338	.3298	.3262	.3234	15.
30.	.3389	.3272	.3379	.3372	.3404	.3412	.3383	.3312	.3331	.3342	.3337	.3342	.3256	30.
45.	.3432	.3319	.3418	.3435	.3486	.3422	.3399	.3362	.3353	.3376	.3393	.3389	.3305	45.
60.	.3497	.3366	.3485	.3537	.3531	.3469	.3435	.3415	.3447	.3483	.3469	.3448	.3365	60.
75.	.3592	.3486	.3595	.3639	.3565	.3560	.3530	.3498	.3530	.3573	.3577	.3548	.3483	75.
90.	.3712	.3596	.3717	.3724	.3649	.3644	.3633	.3622	.3635	.3661	.3659	.3655	.3646	90.
105.	.3841	.3717	.3838	.3861	.3784	.3762	.3751	.3721	.3752	.3766	.3770	.3749	.3735	105.
120.	.3953	.3849	.3944	.3949	.3963	.3866	.3870	.3869	.3879	.3895	.3889	.3874	.3780	120.
135.	.4089	.3945	.4052	.4040	.4098	.4034	.3966	.3954	.3995	.4029	.4006	.3990	.3918	135.
150.	.4169	.4051	.4147	.4126	.4153	.4161	.4122	.4064	.4082	.4120	.4109	.4104	.4042	150.
165.	.4243	.4087	.4193	.4218	.4213	.4175	.4179	.4192	.4201	.4180	.4234	.4224	.4080	165.
180.	.4270	.4106	.4229	.4233	.4246	.4196	.4170	.4173	.4241	.4338	.4255	.4161	.4071	180.
						FOR ALPHA = 3.38 DEG								
0.	.3191	.3065	.3157	.3153	.3172	.3163	.3169	.3158	.3131	.3150	.3135	.3121	.3018	0.
15.	.3198	.3076	.3161	.3154	.3180	.3152	.3159	.3143	.3140	.3133	.3112	.3104	.3034	15.
30.	.3206	.3097	.3190	.3188	.3221	.3228	.3185	.3131	.3143	.3153	.3149	.3146	.3081	30.
45.	.3281	.3174	.3280	.3293	.3330	.3279	.3239	.3206	.3212	.3248	.3244	.3236	.3149	45.
60.	.3372	.3271	.3401	.3427	.3398	.3346	.3335	.3308	.3323	.3354	.3354	.3282	.3259	60.
75.	.3520	.3399	.3550	.3547	.3519	.3480	.3442	.3431	.3483	.3503	.3506	.3468	.3446	75.
90.	.3689	.3574	.3691	.3689	.3629	.3616	.3596	.3573	.3601	.3648	.3629	.3629	.3618	90.
105.	.3863	.3760	.3874	.3878	.3812	.3799	.3775	.3764	.3798	.3790	.3790	.3783	.3786	105.
120.	.4053	.3929	.4035	.4065	.4029	.3957	.3958	.3950	.3955	.3979	.3976	.3959	.3859	120.
135.	.4229	.4099	.4199	.4201	.4263	.4172	.4099	.4102	.4131	.4175	.4158	.4145	.4056	135.
150.	.4372	.4229	.4331	.4309	.4344	.4354	.4296	.4227	.4285	.4320	.4306	.4303	.4238	150.
165.	.4466	.4320	.4415	.4432	.4435	.4396	.4401	.4406	.4402	.4400	.4450	.4437	.4293	165.
180.	.4495	.4340	.4455	.4454	.4482	.4424	.4419	.4412	.4467	.4551	.4472	.4395	.4304	180.
						FOR ALPHA = 5.38 DEG								
0.	.2796	.2699	.2785	.2773	.2800	.2784	.2783	.2786	.2777	.2757	.2754	.2694	.2641	0.
15.	.2817	.2707	.2796	.2794	.2820	.2813	.2816	.2767	.2754	.2757	.2768	.2762	.2681	15.
30.	.2874	.2765	.2857	.2870	.2914	.2872	.2826	.2793	.2797	.2829	.2838	.2832	.2773	30.
45.	.2982	.2867	.2960	.2998	.2997	.2930	.2912	.2881	.2896	.2924	.2931	.2929	.2876	45.
60.	.3127	.3032	.3143	.3138	.3121	.3093	.3069	.3031	.3072	.3070	.3076	.3079	.3048	60.
75.	.3321	.3257	.3383	.3315	.3316	.3283	.3259	.3254	.3296	.3299	.3300	.3292	.3289	75.
90.	.3595	.3510	.3653	.3553	.3564	.3546	.3511	.3498	.3545	.3559	.3554	.3574	.3531	90.
105.	.3913	.3811	.3941	.3876	.3848	.3848	.3826	.3807	.3835	.3846	.3839	.3853	.3854	105.
120.	.4220	.4111	.4223	.4224	.4152	.4148	.4115	.4109	.4122	.4136	.4152	.4144	.4064	120.
135.	.4512	.4394	.4488	.4496	.4526	.4414	.4409	.4411	.4430	.4459	.4449	.4438	.4350	135.
150.	.4755	.4619	.4717	.4710	.4759	.4738	.4639	.4630	.4686	.4712	.4692	.4691	.4603	150.
165.	.4927	.4768	.4869	.4892	.4893	.4864	.4881	.4812	.4847	.4876	.4917	.4890	.4741	165.
180.	.4986	.4826	.4934	.4945	.4962	.4920	.4892	.4906	.4933	.5004	.4943	.4905	.4780	180.
						FOR ALPHA = 10.43 DEG								
0.	.1997	.1904	.1968	.1968	.1992	.1959	.1938	.1930	.1917	.1945	.1953	.1951	.1924	0.
15.	.2005	.1937	.2027	.1990	.1979	.1944	.1934	.1920	.1950	.1965	.1979	.1988	.1909	15.
30.	.2069	.2005	.2025	.2015	.2023	.2012	.2005	.1988	.2009	.2014	.2010	.2018	.2000	30.
45.	.2214	.2073	.2109	.2103	.2123	.2115	.2099	.2114	.2129	.2148	.2212	.2113	.2022	45.
60.	.2421	.2269	.2322	.2294	.2338	.2323	.2298	.2265	.2312	.2393	.2413	.2297	.2240	60.
75.	.2739	.2619	.2678	.2655	.2691	.2674	.2648	.2609	.2662	.2758	.2685	.2672	.2588	75.
90.	.3257	.3115	.3189	.3169	.3230	.3211	.3182	.3147	.3174	.3240	.3179	.3162	.3080	90.
105.	.3909	.3737	.3801	.3801	.3845	.3824	.3802	.3765	.3819	.3850	.3874	.3758	.3692	105.
120.	.4654	.4433	.4486	.4492	.4531	.4506	.4486	.4461	.4495	.4525	.4609	.4570	.4376	120.
135.	.5284	.5130	.5154	.5167	.5201	.5169	.5139	.5137	.5169	.5159	.5199	.5222	.5086	135.
150.	.5828	.5690	.5755	.5727	.5748	.5703	.5719	.5694	.5750	.5766	.5734	.5696	.5603	150.
165.	.6164	.6024	.6144	.6139	.6121	.6075	.6096	.6101	.6142	.6123	.6088	.6073	.5917	165.
180.	.6304	.6173	.6266	.6286	.6269	.6202	.6264	.6278	.6261	.6237	.6234	.6209	.6060	180.
						FOR ALPHA = 15.51 DEG								
0.	.1359	.1304	.1372	.1378	.1412	.1400	.1401	.1374	.1440	.1493	.1481	.1405	.1339	0.
15.	.1342	.1279	.1359	.1359	.1376	.1359	.1371	.1406	.1416	.1387	.1386	.1393	.1331	15.
30.	.1282	.1213	.1272	.1275	.1293	.1306	.1370	.1310	.1306	.1303	.1328	.1322	.1238	30.
45.	.1281	.1211	.1253	.1215	.1255	.1329	.1267	.1212	.1247	.1274	.1299	.1305	.1229	45.
60.	.1437	.1383	.1428	.1390	.1457	.1472	.1355	.1336	.1356	.1372	.1404	.1432	.1401	60.
75.	.1848	.1806	.1879	.1851	.1939	.1917	.1799	.1771	.1783	.1780	.1808	.1813	.1824	75.
90.	.2616	.2540	.2612	.2592	.2689	.2744	.2592	.2557	.2601	.2561	.2586	.2607	.2563	90.
105.	.3683	.3561	.3650	.3626	.3693	.3791	.3643	.3591	.3610	.3612	.3629	.3628	.3537	105.
120.	.4805	.4699	.4793	.4791	.4825	.4849	.4843	.4736	.4768	.4757	.4800	.4776	.4627	120.
135.	.5896	.5783	.5903	.5923	.5957	.5928	.5958	.5905	.5861	.5872	.5913	.5871	.5696	135.
150.	.6806	.6719	.6809	.6883	.6901	.6837	.6828	.6853	.6828	.6801	.6828	.6734	.6554	150.
165.	.7459	.7369	.7445	.7511	.7541	.7480	.7485	.7456	.7500	.7460	.7467	.7366	.7158	165.
180.	.7662	.7573	.7690	.7745	.7784	.7718	.7687	.7679	.7710	.7715	.7666	.7563	.7401	180.
						FOR ALPHA = 21.01 DEG								
0.	.0944	.0922	.1043	.0995	.0934	.0908	.0915	.0923	.0923	.0921	.0920	.0916	.0893	0.
15.	.0899	.0825	.0833	.0840	.0853	.0829	.0820	.0801	.0815	.0836	.0851	.0851	.0798	15.
30.	.0655	.0541	.0586	.0559	.0586	.0581	.0586	.0571	.0614	.0620	.0640	.0631	.0556	30.
45.	.0281	.0220	.0247	.0198	.0244	.0234	.0210	.0209	.0266	.0269	.0294	.0288	.0214	45.
60.	.0212	.0162	.0213	.0176	.0198	.0173	.0168	.0183	.0176	.0203	.0168	.0168	.0106	60.
75.	.0794	.0698	.0772	.0736	.0747	.0729	.0691	.0719	.0715	.0756	.0718	.0715	.0649	75.
90.	.1909	.1810	.1915	.1889	.1934	.1908	.1882	.1919	.1891	.1925	.1860	.1848	.1767	90.
105.	.3438	.3334	.3442	.3430	.3479	.3437	.3414	.3374	.3440	.3376	.3417	.3286	.3233	105.
120.	.5132	.5020	.5083	.5039	.5132	.5108	.5059	.5019	.5094	.5002	.5091	.4947	.4785	120.
135.	.6785	.6696	.6735	.6721	.6739	.6712	.6680	.6687	.6650	.6653	.6688	.6544	.6297	135.
150.	.8098	.8055	.8101	.8115	.8098	.8048	.8065	.8050	.8009	.8003	.7958	.7814	.7558	150.
165.	.9021	.8998	.9018	.9030	.9037	.9001	.8986	.8953	.8921	.8881	.8829	.8664	.8445	165.
180.	.9365	.9340	.9357	.9383	.9370	.9338	.9334	.9311	.9257	.9224	.9148	.8980	.8747	180.

TABLE I. - CONTINUED

(B) MACH = 2.50, BETA = 0.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.45 DEG								
0.	.4311	.4293	.4145		.4116	.4142	.4152	.4160	.4166	.4104	.4219	.4178	.4136	.4153
15.	.4254	.4268	.4103		.4068	.4126	.4112	.4163	.4099	.4044	.4088	.4104	.4068	.4060
30.	.4138	.4148	.4004		.3954	.3950	.3967	.4027	.3986	.3923	.3986	.4002	.3983	.4035
45.	.3912	.3883	.3766		.3744	.3746	.3738	.3794	.3729	.3735	.3844	.3805	.3806	.3752
60.	.3672	.3683	.3619		.3528	.3538	.3560	.3577	.3532	.3511	.3585	.3591	.3536	.3516
75.	.3397	.3398	.3344		.3237	.3248	.3244	.3327	.3263	.3256	.3316	.3317	.3300	.3301
90.	.3107	.3104	.2976		.2962	.2999	.2983	.3062	.2995	.2991	.3039	.3047	.3007	.3016
105.	.2862	.2877	.2748		.2723	.2760	.2759	.2831	.2776	.2753	.2804	.2816	.2781	.2762
120.	.2651	.2653	.2544		.2522	.2562	.2531	.2595	.2552	.2533	.2602	.2599	.2580	.2569
135.	.2505	.2502	.2400		.2378	.2410	.2377	.2425	.2370	.2368	.2416	.2405	.2394	.2418
150.	.2392	.2373	.2258		.2260	.2283	.2263	.2289	.2250	.2234	.2290	.2311	.2279	.2284
165.	.2346	.2330	.2207		.2193	.2232	.2203	.2223	.2208	.2178	.2243	.2244	.2229	.2248
180.	.2320	.2320	.2189		.2153	.2186	.2182	.2197	.2153	.2160	.2189	.2208	.2203	.2231
						FOR ALPHA = -2.47 DEG								
0.	.3833	.3826	.3581		.3664	.3711	.3664	.3694	.3629	.3592	.3700	.3674	.3685	.3691
15.	.3789	.3815	.3555		.3627	.3657	.3672	.3657	.3612	.3583	.3647	.3669	.3657	.3699
30.	.3782	.3706	.3500		.3528	.3558	.3524	.3598	.3550	.3506	.3633	.3603	.3585	.3576
45.	.3580	.3607	.3403		.3435	.3486	.3444	.3479	.3443	.3419	.3482	.3474	.3461	.3452
60.	.3473	.3450	.3303		.3263	.3330	.3323	.3338	.3268	.3276	.3339	.3335	.3350	.3376
75.	.3337	.3311	.3165		.3139	.3178	.3182	.3257	.3211	.3169	.3223	.3217	.3199	.3203
90.	.3179	.3177	.3058		.3005	.3059	.3012	.3093	.3049	.3050	.3092	.3090	.3061	.3066
105.	.3017	.3033	.2890		.2867	.2907	.2901	.2946	.2899	.2897	.2948	.2962	.2941	.2936
120.	.2937	.2908	.2743		.2774	.2805	.2774	.2813	.2786	.2771	.2828	.2835	.2826	.2807
135.	.2830	.2811	.2650		.2668	.2706	.2680	.2712	.2683	.2662	.2731	.2737	.2713	.2722
150.	.2764	.2748	.2595		.2580	.2639	.2600	.2639	.2612	.2603	.2645	.2654	.2657	.2645
165.	.2721	.2699	.2572		.2587	.2582	.2555	.2590	.2579	.2555	.2633	.2637	.2610	.2589
180.	.2701	.2693	.2536		.2501	.2541	.2541	.2568	.2565	.2533	.2600	.2609	.2579	.2562
						FOR ALPHA = -1.48 DEG								
0.	.3578	.3570	.3341		.3408	.3407	.3409	.3397	.3389	.3321	.3439	.3467	.3453	.3451
15.	.3585	.3543	.3333		.3372	.3398	.3378	.3377	.3386	.3315	.3416	.3434	.3399	.3413
30.	.3542	.3498	.3245		.3309	.3335	.3331	.3376	.3323	.3295	.3344	.3378	.3381	.3367
45.	.3472	.3427	.3198		.3273	.3303	.3241	.3302	.3270	.3248	.3327	.3344	.3329	.3342
60.	.3352	.3347	.3186		.3200	.3221	.3209	.3243	.3210	.3188	.3226	.3230	.3235	.3253
75.	.3283	.3236	.3073		.3070	.3107	.3111	.3124	.3112	.3089	.3133	.3151	.3155	.3177
90.	.3185	.3186	.2995		.3020	.3049	.3034	.3098	.3043	.3024	.3087	.3077	.3073	.3095
105.	.3124	.3107	.2916		.2937	.2976	.2966	.2985	.2968	.2946	.3008	.3020	.2996	.2992
120.	.3028	.3012	.2857		.2878	.2916	.2875	.2906	.2896	.2860	.2906	.2937	.2922	.2931
135.	.2969	.2979	.2794		.2817	.2859	.2828	.2849	.2835	.2824	.2905	.2892	.2893	.2875
150.	.2923	.2941	.2764		.2774	.2801	.2802	.2816	.2793	.2782	.2831	.2869	.2811	.2803
165.	.2941	.2918	.2750		.2750	.2774	.2758	.2809	.2765	.2737	.2820	.2840	.2835	.2816
180.	.2896	.2878	.2737		.2724	.2740	.2723	.2769	.2738	.2746	.2818	.2834	.2812	.2776
						FOR ALPHA = -.45 DEG								
0.	.3358	.3347	.3133		.3158	.3184	.3154	.3127	.3135	.3082	.3196	.3201	.3242	.3253
15.	.3352	.3331	.3079		.3166	.3161	.3082	.3144	.3157	.3180	.3226	.3217	.3163	.3161
30.	.3327	.3309	.3074		.3120	.3140	.3153	.3145	.3140	.3113	.3143	.3168	.3175	.3186
45.	.3301	.3283	.3039		.3058	.3117	.3085	.3126	.3065	.3114	.3144	.3154	.3151	.3166
60.	.3273	.3241	.3000		.3092	.3128	.3077	.3098	.3056	.3055	.3114	.3163	.3144	.3176
75.	.3236	.3196	.2978		.3068	.3079	.3065	.3102	.3040	.3055	.3123	.3127	.3128	.3110
90.	.3200	.3184	.2973		.3019	.3035	.3024	.3076	.3060	.3006	.3083	.3080	.3073	.3093
105.	.3177	.3153	.2965		.2957	.3005	.2991	.3030	.3009	.3005	.3037	.3058	.3046	.3066
120.	.3144	.3135	.2939		.2973	.3012	.2981	.3024	.3005	.2966	.3043	.3036	.3048	.3029
135.	.3130	.3128	.2935		.2981	.2982	.2991	.3016	.2989	.2966	.3039	.3046	.3016	.3036
150.	.3138	.3112	.2917		.2948	.2976	.2954	.3011	.2991	.2982	.3039	.3030	.3010	.3022
165.	.3123	.3110	.2911		.2946	.2992	.2974	.2979	.2989	.2971	.3014	.3057	.3008	.3024
180.	.3110	.3085	.2925		.2922	.2982	.2966	.2990	.2963	.2945	.3008	.2995	.3005	.2994
						FOR ALPHA = .54 DEG								
0.	.3139	.3120	.2913		.2911	.2929	.2941	.2960	.2944	.2943	.2993	.2989	.2970	.2992
15.	.3097	.3106	.2890		.2895	.2931	.2901	.2977	.2963	.2956	.2989	.2980	.2995	.3001
30.	.3131	.3134	.2888		.2932	.2951	.2946	.2941	.2936	.2946	.3012	.3023	.2982	.2975
45.	.3118	.3144	.2920		.2911	.2943	.2928	.2964	.2956	.2919	.2975	.3015	.2993	.3013
60.	.3105	.3124	.2937		.2924	.2973	.2959	.2971	.2957	.2943	.3008	.3018	.3025	.3050
75.	.3141	.3149	.2945		.2952	.3004	.2987	.3026	.3001	.2966	.3033	.3052	.3035	.3046
90.	.3196	.3202	.2995		.3020	.3033	.3020	.3038	.3029	.3020	.3077	.3093	.3101	.3113
105.	.3233	.3223	.3003		.3022	.3075	.3044	.3060	.3051	.3031	.3094	.3133	.3096	.3126
120.	.3280	.3250	.3033		.3067	.3108	.3092	.3129	.3094	.3108	.3157	.3155	.3137	.3152
135.	.3311	.3293	.3060		.3117	.3144	.3136	.3149	.3142	.3117	.3188	.3181	.3188	.3182
150.	.3336	.3309	.3080		.3155	.3168	.3137	.3163	.3166	.3147	.3244	.3218	.3231	.3221
165.	.3357	.3361	.3118		.3164	.3200	.3145	.3159	.3187	.3187	.3237	.3234	.3241	.3275
180.	.3357	.3342	.3117		.3150	.3203	.3169	.3178	.3184	.3169	.3224	.3255	.3222	.3263
						FOR ALPHA = 1.56 DEG								
0.	.2932	.2920	.2721		.2704	.2732	.2718	.2754	.2762	.2703	.2768	.2753	.2761	.2784
15.	.2931	.2907	.2697		.2680	.2726	.2731	.2738	.2729	.2728	.2787	.2798	.2783	.2766
30.	.2919	.2960	.2739		.2728	.2771	.2743	.2757	.2742	.2749	.2791	.2809	.2810	.2817
45.	.2974	.2955	.2808		.2735	.2807	.2796	.2818	.2786	.2759	.2841	.2823	.2817	.2870
60.	.3037	.3035	.2851		.2825	.2870	.2849	.2872	.2844	.2808	.2886	.2926	.2904	.2942
75.	.3114	.3112	.2896		.2880	.2922	.2908	.2910	.2877	.2890	.2968	.3007	.2989	.2994
90.	.3167	.3165	.2994		.2970	.3014	.2984	.2988	.2988	.3000	.3051	.3050	.3061	.3062
105.	.3297	.3272	.3062		.3072	.3109	.3093	.3099	.3095	.3052	.3128	.3120	.3117	.3140
120.	.3365	.3355	.3149		.3163	.3205	.3201	.3207	.3193	.3188	.3247	.3266	.3261	.3260
135.	.3437	.3439	.3225		.3262	.3304	.3287	.3295	.3278	.3247	.3336	.3347	.3335	.3333
150.	.3530	.3516	.3272		.3309	.3353	.3333	.3353	.3345	.3335	.3388	.3414	.3416	.3425
165.	.3504	.3543	.3326		.3372	.3395	.3380	.3429	.3392	.3377	.3445	.3479	.3453	.3457
180.	.3589	.3575	.3368		.3364	.3409	.3409	.3416	.3421	.3413	.3473	.3491	.3514	.3503

TABLE I. - CONTINUED

(8) MACH = 2.50, BETA = 0.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.45 DEG								
0.	.4131	.4018	.4139	.4118	.4181	.4141	.4139	.4101	.4160	.4138	.4190	.4118	.4052	0.
15.	.4093	.4007	.4118	.4072	.4115	.4121	.4106	.4082	.4096	.4067	.4072	.4036	.3972	15.
30.	.3984	.3903	.4011	.3964	.3999	.3958	.3962	.3918	.3974	.3954	.3969	.3940	.3898	30.
45.	.3784	.3654	.3752	.3768	.3790	.3749	.3739	.3711	.3720	.3752	.3824	.3734	.3715	45.
60.	.3558	.3461	.3540	.3556	.3555	.3537	.3540	.3484	.3530	.3521	.3547	.3521	.3462	60.
75.	.3301	.3178	.3259	.3248	.3261	.3259	.3251	.3243	.3252	.3261	.3270	.3221	.3200	75.
90.	.3013	.2890	.2948	.2955	.2988	.2993	.2990	.2960	.2967	.2975	.2974	.2955	.2912	90.
105.	.2773	.2665	.2740	.2755	.2744	.2739	.2739	.2709	.2715	.2710	.2723	.2725	.2693	105.
120.	.2558	.2466	.2539	.2539	.2541	.2524	.2530	.2468	.2480	.2486	.2525	.2498	.2465	120.
135.	.2416	.2318	.2388	.2377	.2369	.2360	.2348	.2299	.2303	.2323	.2335	.2293	.2263	135.
150.	.2292	.2188	.2257	.2264	.2254	.2234	.2211	.2173	.2179	.2180	.2213	.2200	.2145	150.
165.	.2230	.2138	.2208	.2177	.2191	.2195	.2182	.2141	.2159	.2126	.2148	.2125	.2097	165.
180.	.2205	.2126	.2195	.2190	.2182	.2177	.2177	.2131	.2121	.2147	.2134	.2117	.2062	180.
						FOR ALPHA = -2.47 DEG								
0.	.3674	.3560	.3643	.3641	.3712	.3714	.3663	.3670	.3653	.3635	.3686	.3631	.3616	0.
15.	.3642	.3571	.3627	.3640	.3670	.3660	.3680	.3615	.3633	.3618	.3624	.3607	.3578	15.
30.	.3638	.3464	.3548	.3537	.3590	.3573	.3532	.3552	.3571	.3554	.3624	.3545	.3496	30.
45.	.3464	.3395	.3434	.3453	.3490	.3490	.3475	.3421	.3455	.3457	.3468	.3421	.3385	45.
60.	.3367	.3256	.3341	.3314	.3324	.3349	.3338	.3284	.3283	.3310	.3332	.3300	.3288	60.
75.	.3219	.3111	.3188	.3185	.3197	.3188	.3192	.3189	.3199	.3190	.3206	.3162	.3132	75.
90.	.3079	.2969	.3052	.3030	.3047	.3051	.3032	.3026	.3043	.3057	.3055	.3010	.2964	90.
105.	.2909	.2818	.2881	.2867	.2896	.2897	.2895	.2873	.2877	.2881	.2884	.2862	.2835	105.
120.	.2815	.2696	.2756	.2761	.2797	.2782	.2773	.2739	.2736	.2715	.2726	.2713	.2710	120.
135.	.2711	.2601	.2674	.2652	.2688	.2682	.2673	.2629	.2621	.2600	.2617	.2604	.2581	135.
150.	.2635	.2540	.2617	.2599	.2601	.2612	.2569	.2547	.2540	.2542	.2538	.2509	.2505	150.
165.	.2597	.2496	.2599	.2581	.2606	.2560	.2561	.2521	.2536	.2515	.2531	.2496	.2450	165.
180.	.2574	.2504	.2568	.2537	.2556	.2540	.2545	.2529	.2549	.2511	.2526	.2525	.2469	180.
						FOR ALPHA = -1.48 DEG								
0.	.3426	.3325	.3432	.3441	.3460	.3429	.3433	.3380	.3415	.3368	.3445	.3419	.3377	0.
15.	.3444	.3312	.3434	.3407	.3426	.3419	.3412	.3365	.3405	.3347	.3404	.3389	.3329	15.
30.	.3401	.3275	.3340	.3377	.3364	.3356	.3343	.3344	.3337	.3313	.3325	.3323	.3298	30.
45.	.3341	.3211	.3279	.3249	.3336	.3314	.3283	.3267	.3294	.3296	.3312	.3280	.3246	45.
60.	.3254	.3162	.3261	.3246	.3260	.3239	.3223	.3206	.3233	.3231	.3221	.3196	.3172	60.
75.	.3178	.3044	.3137	.3129	.3132	.3124	.3120	.3092	.3124	.3120	.3131	.3118	.3090	75.
90.	.3073	.2984	.3047	.3043	.3067	.3057	.3052	.3045	.3041	.3047	.3066	.3012	.2977	90.
105.	.3008	.2901	.2954	.2952	.2977	.2971	.2961	.2928	.2952	.2945	.2947	.2929	.2886	105.
120.	.2906	.2797	.2886	.2864	.2900	.2899	.2889	.2852	.2870	.2836	.2826	.2813	.2795	120.
135.	.2859	.2768	.2813	.2816	.2852	.2842	.2831	.2791	.2799	.2778	.2797	.2747	.2734	135.
150.	.2818	.2730	.2795	.2773	.2808	.2788	.2783	.2738	.2744	.2739	.2724	.2727	.2649	150.
165.	.2816	.2708	.2777	.2745	.2798	.2762	.2757	.2734	.2726	.2698	.2727	.2691	.2662	165.
180.	.2762	.2664	.2781	.2782	.2790	.2740	.2719	.2723	.2721	.2741	.2749	.2722	.2685	180.
						FOR ALPHA = -.45 DEG								
0.	.3219	.3127	.3224	.3193	.3223	.3209	.3180	.3105	.3162	.3136	.3196	.3160	.3170	0.
15.	.3219	.3111	.3172	.3200	.3239	.3203	.3119	.3116	.3162	.3211	.3213	.3178	.3106	15.
30.	.3198	.3098	.3163	.3143	.3188	.3166	.3180	.3115	.3155	.3137	.3126	.3118	.3098	30.
45.	.3183	.3076	.3127	.3120	.3120	.3138	.3136	.3105	.3095	.3159	.3129	.3098	.3072	45.
60.	.3163	.3037	.3092	.3113	.3155	.3145	.3120	.3083	.3101	.3101	.3109	.3121	.3077	60.
75.	.3124	.3007	.3075	.3076	.3139	.3099	.3089	.3086	.3071	.3094	.3124	.3088	.3065	75.
90.	.3088	.2987	.3055	.3027	.3083	.3045	.3040	.3043	.3068	.3042	.3064	.3024	.2990	90.
105.	.3066	.2960	.3036	.2991	.3017	.3017	.3001	.2984	.3000	.3014	.3003	.2985	.2950	105.
120.	.3040	.2929	.3005	.2993	.3016	.3008	.2993	.2976	.2990	.2953	.2974	.2927	.2916	120.
135.	.3013	.2915	.2989	.2947	.3012	.2967	.2967	.2963	.2971	.2938	.2937	.2897	.2864	135.
150.	.3020	.2901	.2976	.2966	.2977	.2965	.2944	.2937	.2951	.2947	.2928	.2871	.2839	150.
165.	.3025	.2903	.2961	.2965	.2989	.2991	.2970	.2923	.2959	.2939	.2926	.2922	.2839	165.
180.	.2988	.2870	.2988	.3010	.2995	.3004	.3014	.2946	.2946	.2944	.2951	.2895	.2867	180.
						FOR ALPHA = .54 DEG								
0.	.3002	.2907	.2984	.2986	.2981	.2957	.2966	.2936	.2964	.2981	.2986	.2944	.2896	0.
15.	.2966	.2887	.2971	.2993	.2987	.2981	.2935	.2947	.2968	.2983	.2983	.2943	.2925	15.
30.	.3010	.2923	.2969	.2975	.3011	.2984	.2974	.2917	.2947	.2972	.2988	.2968	.2904	30.
45.	.2996	.2938	.3006	.2959	.2989	.2976	.2966	.2947	.2978	.2954	.2959	.2962	.2915	45.
60.	.2992	.2926	.3034	.3006	.3001	.3003	.3002	.2972	.2994	.2990	.2996	.2969	.2951	60.
75.	.3035	.2956	.3033	.3029	.3035	.3035	.3026	.3019	.3036	.3019	.3046	.3022	.2973	75.
90.	.3094	.3019	.3101	.3049	.3097	.3059	.3040	.3029	.3052	.3066	.3068	.3048	.3012	90.
105.	.3127	.3027	.3097	.3061	.3103	.3097	.3070	.3040	.3054	.3050	.3069	.3055	.3005	105.
120.	.3163	.3049	.3119	.3082	.3120	.3111	.3097	.3090	.3090	.3099	.3097	.3056	.3014	120.
135.	.3199	.3084	.3134	.3133	.3161	.3127	.3122	.3098	.3129	.3105	.3094	.3043	.3015	135.
150.	.3220	.3094	.3159	.3156	.3187	.3157	.3126	.3109	.3132	.3116	.3152	.3077	.3053	150.
165.	.3259	.3155	.3194	.3181	.3193	.3204	.3161	.3111	.3155	.3169	.3163	.3105	.3068	165.
180.	.3249	.3129	.3193	.3176	.3201	.3210	.3214	.3136	.3166	.3154	.3159	.3150	.3080	180.
						FOR ALPHA = 1.56 DEG								
0.	.2796	.2711	.2776	.2774	.2776	.2759	.2750	.2741	.2786	.2743	.2753	.2706	.2679	0.
15.	.2798	.2709	.2761	.2743	.2768	.2751	.2750	.2718	.2747	.2760	.2775	.2748	.2704	15.
30.	.2802	.2752	.2792	.2795	.2819	.2801	.2763	.2733	.2747	.2775	.2775	.2760	.2733	30.
45.	.2856	.2759	.2860	.2838	.2826	.2844	.2841	.2803	.2801	.2790	.2820	.2781	.2751	45.
60.	.2923	.2842	.2908	.2893	.2918	.2905	.2894	.2876	.2876	.2849	.2879	.2881	.2835	60.
75.	.3002	.2915	.2961	.2951	.2974	.2952	.2949	.2924	.2922	.2947	.2968	.2970	.2918	75.
90.	.3054	.2969	.3078	.3022	.3058	.3042	.3022	.3012	.3025	.3056	.3049	.3017	.2987	90.
105.	.3183	.3071	.3141	.3122	.3145	.3135	.3134	.3097	.3113	.3077	.3106	.3066	.3034	105.
120.	.3244	.3147	.3226	.3184	.3225	.3213	.3217	.3185	.3188	.3195	.3191	.3163	.3129	120.
135.	.3320	.3227	.3299	.3278	.3314	.3300	.3278	.3263	.3280	.3255	.3257	.3216	.3172	135.
150.	.3416	.3299	.3362	.3325	.3350	.3345	.3312	.3309	.3331	.3327	.3311	.3282	.3240	150.
165.	.3414	.3345	.3428	.3384	.3404	.3383	.3373	.3394	.3368	.3359	.3364	.3362	.3288	165.
180.	.3497	.3369	.3467	.3440	.3419	.3425	.3427	.3377	.3412	.3403	.3411	.3373	.3357	180.

TABLE I. - CONTINUED

(8) MACH = 2.50, BETA = 0.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.51 DEG								
0.	.2726	.2695	.2521		.2543	.2567	.2520	.2551	.2543	.2542	.2579	.2580	.2574	.2607
15.	.2694	.2687	.2506		.2496	.2542	.2564	.2547	.2543	.2525	.2573	.2579	.2563	.2573
30.	.2728	.2725	.2578		.2536	.2574	.2575	.2593	.2579	.2553	.2641	.2636	.2639	.2639
45.	.2847	.2803	.2676		.2597	.2662	.2611	.2594	.2606	.2628	.2713	.2681	.2700	.2707
60.	.2928	.2878	.2775		.2712	.2772	.2752	.2743	.2741	.2691	.2793	.2814	.2796	.2784
75.	.3022	.3008	.2896		.2824	.2842	.2836	.2823	.2831	.2834	.2927	.2916	.2917	.2907
90.	.3191	.3174	.3028		.2935	.3003	.2971	.2955	.2979	.2973	.3034	.3029	.3050	.3069
105.	.3302	.3283	.3183		.3098	.3167	.3137	.3134	.3135	.3130	.3176	.3170	.3189	.3193
120.	.3470	.3451	.3326		.3252	.3313	.3291	.3281	.3286	.3292	.3365	.3359	.3352	.3374
135.	.3617	.3600	.3405		.3378	.3417	.3423	.3403	.3432	.3412	.3479	.3468	.3453	.3487
150.	.3692	.3713	.3495		.3473	.3537	.3512	.3561	.3540	.3519	.3610	.3617	.3595	.3612
165.	.3802	.3811	.3578		.3590	.3631	.3612	.3627	.3617	.3595	.3677	.3696	.3699	.3657
180.	.3802	.3770	.3551		.3675	.3674	.3640	.3637	.3637	.3651	.3714	.3713	.3684	.3736
						FOR ALPHA = 3.53 DEG								
0.	.2501	.2464	.2341		.2313	.2319	.2339	.2365	.2342	.2335	.2403	.2426	.2423	.2408
15.	.2529	.2484	.2355		.2323	.2340	.2350	.2361	.2350	.2312	.2388	.2423	.2397	.2383
30.	.2578	.2538	.2419		.2376	.2392	.2400	.2437	.2398	.2410	.2479	.2495	.2469	.2449
45.	.2645	.2598	.2508		.2441	.2482	.2478	.2461	.2500	.2493	.2535	.2525	.2510	.2542
60.	.2762	.2730	.2577		.2567	.2613	.2595	.2605	.2604	.2588	.2627	.2650	.2669	.2659
75.	.2961	.2945	.2788		.2717	.2790	.2776	.2760	.2799	.2769	.2834	.2829	.2855	.2861
90.	.3164	.3136	.2975		.2925	.2984	.2952	.2942	.2955	.2949	.3026	.3051	.3028	.3030
105.	.3382	.3338	.3175		.3139	.3194	.3176	.3155	.3181	.3175	.3253	.3227	.3257	.3246
120.	.3568	.3540	.3438		.3373	.3411	.3386	.3387	.3383	.3350	.3441	.3445	.3424	.3445
135.	.3778	.3762	.3671		.3525	.3594	.3576	.3574	.3601	.3574	.3669	.3664	.3638	.3679
150.	.3949	.3925	.3695		.3713	.3761	.3761	.3744	.3735	.3718	.3794	.3805	.3794	.3779
165.	.4028	.4033	.3796		.3855	.3841	.3857	.3862	.3861	.3820	.3916	.3921	.3876	.3918
180.	.4044	.4044	.3847		.3840	.3922	.3905	.3930	.3890	.3917	.4026	.3994	.3973	.3967
						FOR ALPHA = 5.49 DEG								
0.	.2110	.2105	.1972		.1984	.1979	.1977	.2006	.1988	.1982	.2038	.2044	.2038	.2027
15.	.2121	.2129	.1987		.1977	.2015	.2019	.2028	.2013	.1987	.2060	.2067	.2058	.2062
30.	.2222	.2208	.2069		.2025	.2083	.2066	.2056	.2078	.2081	.2116	.2128	.2133	.2128
45.	.2337	.2319	.2127		.2154	.2191	.2184	.2168	.2188	.2191	.2236	.2228	.2220	.2233
60.	.2546	.2508	.2308		.2362	.2407	.2372	.2370	.2374	.2330	.2401	.2427	.2415	.2449
75.	.2781	.2739	.2552		.2613	.2645	.2597	.2586	.2618	.2591	.2663	.2631	.2666	.2672
90.	.3073	.3015	.2857		.2888	.2923	.2909	.2882	.2903	.2890	.2941	.2934	.2929	.2914
105.	.3420	.3353	.3204		.3229	.3284	.3222	.3206	.3242	.3216	.3298	.3307	.3302	.3327
120.	.3756	.3734	.3594		.3583	.3602	.3562	.3540	.3570	.3577	.3632	.3662	.3649	.3652
135.	.4074	.4054	.3990		.3849	.3909	.3907	.3858	.3895	.3877	.3965	.3970	.3941	.3975
150.	.4360	.4308	.4282		.4086	.4141	.4143	.4144	.4157	.4151	.4205	.4204	.4222	.4254
165.	.4496	.4511	.4304		.4281	.4374	.4351	.4362	.4326	.4288	.4371	.4418	.4373	.4386
180.	.4537	.4557	.4381		.4324	.4410	.4413	.4431	.4406	.4390	.4468	.4530	.4525	.4491
						FOR ALPHA = 9.38 DEG								
0.	.1531	.1547	.1391		.1408	.1416	.1387	.1419	.1408	.1397	.1426	.1417	.1395	.1408
15.	.1506	.1521	.1374		.1391	.1431	.1404	.1419	.1422	.1396	.1425	.1431	.1435	.1443
30.	.1606	.1579	.1448		.1448	.1491	.1475	.1491	.1502	.1476	.1523	.1511	.1520	.1511
45.	.1743	.1702	.1616		.1604	.1628	.1600	.1624	.1615	.1594	.1653	.1664	.1659	.1657
60.	.1985	.1945	.1905		.1855	.1867	.1853	.1860	.1875	.1872	.1902	.1893	.1913	.1898
75.	.2351	.2317	.2347		.2229	.2241	.2226	.2210	.2243	.2221	.2273	.2259	.2266	.2271
90.	.2860	.2841	.2913		.2724	.2783	.2745	.2713	.2740	.2714	.2774	.2777	.2796	.2780
105.	.3483	.3422	.3484		.3310	.3355	.3330	.3272	.3283	.3252	.3369	.3386	.3389	.3368
120.	.4113	.4064	.4131		.3942	.3972	.3948	.3862	.3923	.3910	.3998	.3972	.3970	.4021
135.	.4714	.4662	.4801		.4550	.4543	.4496	.4468	.4524	.4491	.4598	.4576	.4606	.4626
150.	.5201	.5168	.5200		.4969	.5058	.5011	.5003	.5006	.5002	.5102	.5070	.5078	.5086
165.	.5563	.5508	.5471		.5303	.5420	.5358	.5348	.5357	.5320	.5419	.5404	.5457	.5452
180.	.5598	.5622	.5542		.5423	.5547	.5506	.5531	.5493	.5450	.5522	.5543	.5602	.5562
						FOR ALPHA = 15.66 DEG								
0.	.0804	.0825	.0687		.0679	.0717	.0705	.0726	.0698	.0686	.0714	.0725	.0716	.0710
15.	.0804	.0812	.0663		.0633	.0701	.0694	.0695	.0695	.0676	.0708	.0704	.0708	.0703
30.	.0789	.0781	.0643		.0620	.0647	.0662	.0670	.0660	.0646	.0672	.0670	.0660	.0681
45.	.0846	.0789	.0746		.0688	.0697	.0687	.0693	.0681	.0654	.0686	.0715	.0722	.0714
60.	.1083	.1051	.1066		.0965	.0992	.0961	.0962	.0961	.0924	.0940	.0942	.0933	.0943
75.	.1653	.1587	.1584		.1491	.1543	.1521	.1490	.1448	.1434	.1509	.1488	.1498	.1498
90.	.2475	.2443	.2416		.2352	.2382	.2356	.2354	.2297	.2305	.2362	.2362	.2386	.2355
105.	.3537	.3464	.3466		.3356	.3428	.3407	.3364	.3338	.3311	.3397	.3413	.3395	.3400
120.	.4681	.4600	.4696		.4492	.4525	.4534	.4457	.4497	.4430	.4522	.4553	.4570	.4555
135.	.5767	.5725	.5872		.5576	.5627	.5636	.5508	.5567	.5520	.5648	.5636	.5653	.5638
150.	.6703	.6627	.6728		.6544	.6578	.6499	.6430	.6515	.6444	.6579	.6598	.6609	.6630
165.	.7362	.7287	.7236		.7099	.7198	.7165	.7139	.7157	.7098	.7276	.7288	.7248	.7303
180.	.7527	.7436	.7473		.7373	.7431	.7396	.7451	.7459	.7504	.7535	.7563	.7498	.7522
						FOR ALPHA = 20.95 DEG								
0.	.0313	.0348	.0258		.0274	.0289	.0276	.0284	.0277	.0268	.0304	.0316	.0308	.0311
15.	.0292	.0271	.0147		.0150	.0227	.0217	.0243	.0232	.0217	.0247	.0261	.0260	.0269
30.	.0210	.0200	.0103		-.0041	-.0008	.0016	.0043	.0056	.0051	.0074	.0074	.0076	.0082
45.	.0113	.0055	-.0012		-.0120	-.0117	-.0148	-.0148	-.0165	-.0188	-.0182	-.0173	-.0171	-.0165
60.	.0319	.0204	.0191		.0121	.0157	.0150	.0192	.0163	.0128	.0133	.0125	.0117	.0135
75.	.1044	.0951	.0943		.0858	.0915	.0903	.0970	.0942	.0901	.0920	.0909	.0912	.0907
90.	.2135	.2088	.2031		.1959	.2027	.2028	.2058	.2012	.1970	.2012	.1996	.2011	.2026
105.	.3510	.3532	.3433		.3350	.3439	.3411	.3472	.3407	.3364	.3449	.3415	.3440	.3452
120.	.5061	.5075	.4981		.4895	.5020	.4959	.4918	.4952	.4929	.4973	.4953	.4995	.4998
135.	.6687	.6607	.6741		.6420	.6544	.6499	.6441	.6493	.6460	.6495	.6518	.6587	.6528
150.	.8058	.7871	.7927		.7755	.7874	.7853	.7748	.7859	.7776	.7881	.7921	.7942	.7922
165.	.8915	.8894	.8910		.8703	.8841	.8807	.8763	.8784	.8728	.8819	.8918	.8844	.8844
180.	.9186	.9187	.9358		.8992	.9127	.9147	.9215	.9185	.9094	.9218	.9200	.9207	.9213

TABLE I. - CONTINUED

(B) MACH = 2.50, BETA = 0.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.51 DEG								
0.	.2604	.2508	.2583	.2568	.2599	.2585	.2545	.2542	.2568	.2576	.2564	.2521	.2493	0.
15.	.2577	.2509	.2566	.2564	.2575	.2567	.2579	.2522	.2554	.2562	.2563	.2528	.2487	15.
30.	.2605	.2543	.2619	.2588	.2624	.2600	.2590	.2569	.2580	.2580	.2625	.2583	.2562	30.
45.	.2721	.2621	.2701	.2672	.2688	.2690	.2681	.2586	.2614	.2655	.2689	.2638	.2621	45.
60.	.2811	.2692	.2797	.2779	.2814	.2806	.2785	.2752	.2769	.2725	.2784	.2766	.2727	60.
75.	.2905	.2825	.2928	.2906	.2922	.2880	.2890	.2861	.2878	.2893	.2935	.2887	.2840	75.
90.	.3076	.2984	.3041	.3029	.3039	.3040	.3018	.2990	.3026	.3022	.3035	.2993	.2964	90.
105.	.3192	.3086	.3183	.3166	.3188	.3201	.3190	.3152	.3165	.3163	.3157	.3107	.3086	105.
120.	.3353	.3248	.3324	.3307	.3324	.3329	.3304	.3272	.3292	.3305	.3318	.3272	.3232	120.
135.	.3493	.3390	.3464	.3441	.3439	.3436	.3437	.3383	.3443	.3435	.3417	.3349	.3305	135.
150.	.3579	.3499	.3574	.3561	.3526	.3531	.3484	.3513	.3534	.3519	.3525	.3470	.3406	150.
165.	.3698	.3603	.3669	.3620	.3634	.3614	.3586	.3574	.3595	.3573	.3598	.3573	.3536	165.
180.	.3711	.3584	.3665	.3683	.3736	.3683	.3682	.3585	.3632	.3661	.3646	.3610	.3554	180.
						FOR ALPHA = 3.53 DEG								
0.	.2399	.2289	.2391	.2365	.2365	.2344	.2370	.2352	.2363	.2360	.2376	.2366	.2332	0.
15.	.2413	.2321	.2395	.2368	.2384	.2356	.2360	.2350	.2357	.2332	.2360	.2360	.2313	15.
30.	.2465	.2373	.2443	.2427	.2449	.2404	.2405	.2412	.2405	.2436	.2451	.2435	.2393	30.
45.	.2531	.2441	.2545	.2507	.2530	.2503	.2502	.2453	.2515	.2526	.2522	.2487	.2444	45.
60.	.2650	.2559	.2630	.2663	.2660	.2642	.2630	.2612	.2615	.2618	.2611	.2613	.2601	60.
75.	.2844	.2775	.2846	.2813	.2817	.2816	.2801	.2781	.2818	.2804	.2821	.2786	.2777	75.
90.	.3048	.2959	.3023	.2988	.3022	.3010	.2994	.2978	.2995	.3003	.3021	.3008	.2947	90.
105.	.3270	.3152	.3216	.3210	.3235	.3226	.3211	.3188	.3220	.3214	.3237	.3169	.3149	105.
120.	.3452	.3342	.3428	.3406	.3454	.3437	.3427	.3399	.3403	.3369	.3394	.3358	.3319	120.
135.	.3653	.3552	.3639	.3591	.3588	.3593	.3596	.3554	.3603	.3587	.3603	.3545	.3476	135.
150.	.3829	.3710	.3767	.3746	.3789	.3765	.3745	.3692	.3732	.3744	.3739	.3698	.3628	150.
165.	.3907	.3833	.3887	.3864	.3907	.3832	.3826	.3817	.3854	.3821	.3843	.3800	.3721	165.
180.	.3957	.3852	.3945	.3923	.3910	.3934	.3936	.3898	.3886	.3927	.3974	.3881	.3838	180.
						FOR ALPHA = 5.49 DEG								
0.	.2022	.1934	.2005	.2009	.2038	.2006	.1998	.1974	.1986	.1990	.2005	.1972	.1942	0.
15.	.2040	.1968	.2019	.2036	.2040	.2029	.2028	.2004	.2018	.2009	.2032	.2007	.1972	15.
30.	.2131	.2054	.2112	.2089	.2087	.2080	.2065	.2042	.2086	.2098	.2088	.2077	.2058	30.
45.	.2240	.2162	.2203	.2197	.2218	.2192	.2194	.2174	.2201	.2212	.2213	.2176	.2146	45.
60.	.2439	.2355	.2401	.2380	.2427	.2413	.2388	.2371	.2385	.2364	.2383	.2384	.2339	60.
75.	.2669	.2566	.2637	.2642	.2686	.2655	.2628	.2602	.2628	.2633	.2652	.2588	.2597	75.
90.	.2968	.2866	.2958	.2955	.2964	.2951	.2943	.2916	.2942	.2955	.2937	.2913	.2857	90.
105.	.3310	.3182	.3280	.3259	.3300	.3302	.3294	.3248	.3285	.3261	.3286	.3244	.3205	105.
120.	.3657	.3547	.3620	.3609	.3663	.3632	.3612	.3571	.3604	.3603	.3594	.3584	.3525	120.
135.	.3966	.3853	.3939	.3917	.3928	.3919	.3913	.3866	.3910	.3892	.3905	.3866	.3799	135.
150.	.4237	.4095	.4219	.4171	.4189	.4152	.4153	.4107	.4147	.4180	.4160	.4100	.4040	150.
165.	.4379	.4302	.4371	.4378	.4375	.4371	.4326	.4326	.4314	.4305	.4304	.4300	.4204	165.
180.	.4451	.4370	.4487	.4412	.4430	.4421	.4408	.4386	.4410	.4411	.4413	.4409	.4387	180.
						FOR ALPHA = 9.38 DEG								
0.	.1454	.1369	.1431	.1418	.1422	.1399	.1374	.1363	.1379	.1384	.1382	.1350	.1319	0.
15.	.1425	.1353	.1418	.1422	.1431	.1424	.1395	.1378	.1394	.1387	.1384	.1374	.1367	15.
30.	.1504	.1426	.1500	.1479	.1514	.1487	.1475	.1473	.1487	.1476	.1481	.1457	.1453	30.
45.	.1637	.1568	.1643	.1650	.1656	.1640	.1626	.1608	.1600	.1591	.1615	.1616	.1590	45.
60.	.1885	.1807	.1870	.1859	.1883	.1888	.1882	.1865	.1869	.1887	.1863	.1848	.1866	60.
75.	.2256	.2185	.2245	.2217	.2249	.2245	.2246	.2217	.2254	.2244	.2244	.2225	.2224	75.
90.	.2764	.2706	.2783	.2753	.2776	.2794	.2776	.2738	.2751	.2748	.2754	.2737	.2717	90.
105.	.3377	.3275	.3347	.3307	.3359	.3363	.3349	.3295	.3296	.3300	.3331	.3305	.3261	105.
120.	.4015	.3908	.4013	.3966	.3987	.3987	.3983	.3894	.3944	.3941	.3936	.3892	.3855	120.
135.	.4614	.4493	.4593	.4530	.4598	.4551	.4530	.4486	.4513	.4505	.4533	.4464	.4422	135.
150.	.5098	.4966	.5104	.5037	.5034	.5033	.5016	.4992	.5014	.5030	.5023	.4917	.4868	150.
165.	.5459	.5302	.5441	.5379	.5374	.5406	.5327	.5321	.5344	.5327	.5355	.5272	.5243	165.
180.	.5551	.5453	.5578	.5495	.5527	.5546	.5523	.5491	.5498	.5468	.5463	.5429	.5458	180.
						FOR ALPHA = 15.66 DEG								
0.	.0708	.0655	.0689	.0693	.0705	.0696	.0695	.0683	.0686	.0689	.0689	.0679	.0666	0.
15.	.0711	.0653	.0684	.0672	.0683	.0687	.0681	.0672	.0687	.0683	.0690	.0671	.0669	15.
30.	.0671	.0639	.0657	.0654	.0672	.0667	.0660	.0646	.0646	.0655	.0662	.0650	.0624	30.
45.	.0707	.0671	.0694	.0673	.0704	.0699	.0702	.0678	.0685	.0671	.0669	.0688	.0670	45.
60.	.0959	.0935	.0964	.0953	.0957	.0942	.0944	.0933	.0959	.0942	.0914	.0887	.0858	60.
75.	.1516	.1461	.1495	.1460	.1495	.1483	.1491	.1467	.1480	.1465	.1458	.1397	.1410	75.
90.	.2348	.2303	.2356	.2337	.2369	.2345	.2337	.2322	.2338	.2327	.2283	.2242	.2261	90.
105.	.3402	.3308	.3395	.3348	.3395	.3411	.3400	.3346	.3339	.3324	.3315	.3276	.3225	105.
120.	.4547	.4429	.4532	.4515	.4565	.4541	.4543	.4482	.4455	.4453	.4444	.4455	.4397	120.
135.	.5610	.5529	.5642	.5573	.5633	.5606	.5603	.5549	.5544	.5508	.5550	.5483	.5439	135.
150.	.6615	.6458	.6597	.6543	.6578	.6529	.6510	.6462	.6530	.6443	.6454	.6408	.6399	150.
165.	.7286	.7099	.7203	.7161	.7158	.7160	.7124	.7110	.7123	.7105	.7129	.7067	.6992	165.
180.	.7483	.7266	.7500	.7446	.7445	.7424	.7433	.7388	.7444	.7526	.7457	.7393	.7229	180.
						FOR ALPHA = 20.95 DEG								
0.	.0320	.0266	.0307	.0301	.0309	.0304	.0303	.0293	.0302	.0304	.0313	.0299	.0284	0.
15.	.0267	.0232	.0248	.0237	.0255	.0248	.0238	.0228	.0230	.0236	.0236	.0231	.0221	15.
30.	.0087	.0050	.0063	.0059	.0063	.0052	.0052	.0039	.0050	.0048	.0064	.0066	.0059	30.
45.	-.0162	-.0187	-.0172	-.0183	-.0171	-.0168	-.0182	-.0206	-.0206	-.0186	-.0170	-.0172	-.0182	45.
60.	.0123	.0098	.0123	.0112	.0123	.0109	.0084	.0060	.0084	.0100	.0101	.0087	.0064	60.
75.	.0896	.0875	.0922	.0902	.0908	.0880	.0870	.0846	.0881	.0888	.0902	.0875	.0871	75.
90.	.2020	.2006	.2048	.2028	.2029	.1995	.1978	.1921	.1966	.2003	.2036	.1988	.1968	90.
105.	.3404	.3392	.3441	.3419	.3440	.3420	.3409	.3330	.3351	.3376	.3404	.3374	.3398	105.
120.	.4934	.4888	.4953	.4991	.4989	.5010	.4976	.4881	.4861	.4845	.4855	.4891	.4892	120.
135.	.6560	.6437	.6535	.6519	.6552	.6586	.6510	.6469	.6417	.6415	.6345	.6351	.6381	135.
150.	.7978	.7709	.7867	.7834	.7896	.7879	.7848	.7782	.7836	.7798	.7808	.7697	.7660	150.
165.	.8860	.8694	.8764	.8777	.8887	.8855	.8820	.8676	.8764	.8800	.8777	.8740	.8567	165.
180.	.9185	.9037	.9254	.9212	.9241	.9177	.9176	.9078	.9172	.9182	.9222	.9047	.8985	180.

TABLE I. - CONTINUED

(C) MACH = 3.95, BETA = .00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -.35 DEG								
0.	.2924	.2932	.2678	.2710	.2741	.2795	.2794	.2907	.2853	.2834	.2891	.2889	.2884	.2886
30.	.2914	.2921	.2659	.2707	.2722	.2776	.2767	.2878	.2824	.2798	.2852	.2852	.2851	.2857
60.	.2890	.2889	.2620	.2685	.2678	.2728	.2706	.2807	.2753	.2730	.2789	.2791	.2789	.2793
90.	.2858	.2859	.2584	.2657	.2637	.2688	.2665	.2762	.2702	.2676	.2732	.2729	.2723	.2724
120.	.2818	.2818	.2538	.2625	.2600	.2644	.2612	.2706	.2649	.2615	.2667	.2660	.2650	.2647
150.	.2784	.2786	.2565	.2609	.2578	.2611	.2576	.2666	.2606	.2574	.2626	.2620	.2612	.2608
180.	.2770	.2776	.2549	.2585	.2579	.2596	.2563	.2649	.2592	.2569	.2619	.2615	.2606	.2599
						FOR ALPHA = .65 DEG								
0.	.2708	.2719	.2482	.2519	.2561	.2594	.2598	.2685	.2631	.2608	.2664	.2666	.2661	.2660
30.	.2726	.2732	.2490	.2524	.2559	.2592	.2590	.2680	.2625	.2602	.2656	.2658	.2657	.2658
60.	.2788	.2785	.2530	.2574	.2586	.2630	.2614	.2705	.2649	.2625	.2680	.2682	.2680	.2684
90.	.2866	.2857	.2596.	.2655	.2639	.2689	.2670	.2763	.2703	.2679	.2735	.2733	.2730	.2735
120.	.2938	.2928	.2665	.2710	.2706	.2761	.2734	.2828	.2761	.2726	.2779	.2774	.2763	.2761
150.	.2983	.2975	.2750	.2747	.2765	.2807	.2773	.2862	.2796	.2759	.2815	.2812	.2802	.2802
180.	.2988	.2988	.2760	.2777	.2793	.2830	.2790	.2877	.2822	.2794	.2845	.2835	.2826	.2823
						FOR ALPHA = 1.65 DEG								
0.	.2504	.2524	.2290	.2325	.2384	.2393	.2387	.2470	.2417	.2400	.2448	.2446	.2440	.2440
30.	.2545	.2556	.2306	.2354	.2388	.2421	.2411	.2488	.2432	.2415	.2465	.2466	.2463	.2466
60.	.2683	.2680	.2415	.2482	.2493	.2523	.2511	.2584	.2533	.2512	.2567	.2573	.2573	.2576
90.	.2869	.2854	.2580	.2651	.2651	.2688	.2668	.2754	.2701	.2674	.2734	.2734	.2729	.2736
120.	.3055	.3038	.2768	.2770	.2822	.2875	.2845	.2932	.2874	.2838	.2897	.2891	.2877	.2875
150.	.3187	.3172	.2933	.2886	.2954	.3028	.2983	.3072	.3008	.2971	.3022	.3015	.3003	.3006
180.	.3223	.3221	.2980	.2955	.3015	.3083	.3034	.3113	.3061	.3031	.3084	.3076	.3066	.3067
						FOR ALPHA = 2.65 DEG								
0.	.2311	.2351	.2099	.2157	.2212	.2193	.2175	.2263	.2218	.2202	.2247	.2244	.2236	.2234
30.	.2380	.2401	.2141	.2199	.2233	.2240	.2222	.2307	.2255	.2238	.2285	.2287	.2281	.2282
60.	.2583	.2577	.2299	.2389	.2402	.2411	.2404	.2475	.2424	.2404	.2453	.2460	.2459	.2463
90.	.2872	.2855	.2564	.2665	.2660	.2690	.2666	.2742	.2687	.2663	.2721	.2727	.2724	.2727
120.	.3172	.3146	.2870	.2890	.2926	.2992	.2948	.3039	.2982	.2954	.3010	.3005	.2994	.2994
150.	.3387	.3368	.3121	.3071	.3152	.3234	.3173	.3269	.3208	.3175	.3229	.3217	.3206	.3202
180.	.3466	.3457	.3215	.3186	.3247	.3335	.3274	.3363	.3305	.3274	.3329	.3317	.3306	.3302
						FOR ALPHA = 4.65 DEG								
0.	.1964	.2035	.1706	.1820	.1807	.1830	.1794	.1878	.1838	.1816	.1853	.1853	.1848	.1853
30.	.2061	.2077	.1808	.1880	.1872	.1897	.1867	.1964	.1915	.1898	.1939	.1939	.1934	.1940
60.	.2384	.2365	.2104	.2204	.2188	.2166	.2166	.2247	.2204	.2188	.2232	.2229	.2225	.2229
90.	.2872	.2834	.2552	.2660	.2628	.2644	.2632	.2708	.2666	.2642	.2698	.2698	.2694	.2700
120.	.3407	.3360	.3085	.3101	.3146	.3222	.3147	.3242	.3193	.3168	.3230	.3227	.3217	.3217
150.	.3833	.3790	.3479	.3559	.3581	.3647	.3598	.3698	.3637	.3607	.3664	.3656	.3646	.3632
180.	.3986	.3960	.3682	.3730	.3746	.3806	.3771	.3874	.3818	.3788	.3848	.3835	.3823	.3806
						FOR ALPHA = 9.65 DEG								
0.	.1212	.1392	.1027	.1028	.0971	.1032	.1023	.1093	.1076	.1064	.1091	.1101	.1100	.1103
30.	.1333	.1349	.1094	.1177	.1180	.1156	.1135	.1194	.1171	.1162	.1195	.1199	.1197	.1203
60.	.1808	.1767	.1522	.1618	.1648	.1626	.1592	.1649	.1623	.1605	.1646	.1649	.1650	.1656
90.	.2733	.2676	.2437	.2510	.2474	.2551	.2485	.2553	.2532	.2499	.2550	.2551	.2551	.2556
120.	.3931	.3856	.3708	.3670	.3645	.3710	.3662	.3744	.3694	.3667	.3730	.3732	.3739	.3730
150.	.4975	.4903	.4687	.4601	.4747	.4757	.4706	.4813	.4749	.4720	.4804	.4790	.4767	.4755
180.	.5373	.5327	.5210	.4985	.5163	.5175	.5141	.5264	.5188	.5168	.5248	.5227	.5200	.5183
						FOR ALPHA = 14.65 DEG								
0.	.0696	.0767	.0533	.0520	.0498	.0492	.0469	.0530	.0535	.0544	.0567	.0579	.0577	.0579
30.	.0748	.0745	.0537	.0590	.0611	.0582	.0552	.0602	.0586	.0570	.0589	.0596	.0600	.0603
60.	.1237	.1180	.1157	.1164	.1090	.1077	.1060	.1101	.1079	.1058	.1075	.1069	.1073	.1082
90.	.2565	.2493	.2299	.2366	.2322	.2389	.2322	.2386	.2376	.2342	.2380	.2373	.2373	.2379
120.	.4441	.4338	.4263	.4124	.4237	.4236	.4162	.4233	.4205	.4165	.4232	.4218	.4205	.4215
150.	.6199	.6108	.6002	.5823	.5920	.5982	.5905	.6002	.5937	.5890	.5969	.5943	.5963	.5982
180.	.6890	.6843	.6673	.6420	.6657	.6707	.6627	.6754	.6664	.6643	.6711	.6717	.6717	.6718
						FOR ALPHA = 19.65 DEG								
0.	.0386	.0395	.0232	.0207	.0186	.0189	.0178	.0224	.0228	.0227	.0236	.0241	.0237	.0238
30.	.0333	.0308	.0146	.0174	.0140	.0156	.0116	.0116	.0099	.0096	.0094	.0099	.0096	.0100
60.	.0824	.0715	.0623	.0677	.0621	.0626	.0596	.0613	.0625	.0601	.0612	.0623	.0616	.0619
90.	.2443	.2334	.2243	.2273	.2203	.2241	.2199	.2233	.2233	.2187	.2233	.2234	.2232	.2226
120.	.4962	.4842	.4799	.4578	.4707	.4751	.4671	.4731	.4711	.4651	.4708	.4687	.4693	.4696
150.	.7541	.7434	.7253	.7243	.7272	.7310	.7201	.7289	.7224	.7147	.7226	.7210	.7208	.7208
180.	.8600	.8553	.8038	.8346	.8374	.8408	.8289	.8424	.8298	.8260	.8327	.8334	.8315	.8321

TABLE I. - CONTINUED

(C) MACH = 3.95, BETA = .00 DEG, CONCLUDED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.35 DEG								
0.	.2905	.2827	.2857	.2835	.2858	.2857	.2845	.2834	.2856	.2846	.2854	.2841	.2813	0.
30.	.2880	.2805	.2837	.2815	.2837	.2833	.2819	.2805	.2823	.2813	.2821	.2807	.2778	30.
60.	.2824	.2744	.2776	.2755	.2778	.2771	.2754	.2733	.2746	.2735	.2744	.2734	.2710	60.
90.	.2759	.2682	.2711	.2689	.2706	.2691	.2669	.2650	.2666	.2661	.2669	.2653	.2628	90.
120.	.2673	.2590	.2616	.2594	.2609	.2599	.2580	.2561	.2573	.2569	.2584	.2581	.2558	120.
150.	.2628	.2544	.2568	.2547	.2564	.2554	.2535	.2519	.2531	.2523	.2528	.2512	.2482	150.
180.	.2618	.2533	.2554	.2530	.2544	.2531	.2511	.2495	.2507	.2493	.2494	.2476	.2444	180.
						FOR ALPHA = .65 DEG								
0.	.2679	.2602	.2632	.2615	.2640	.2643	.2634	.2624	.2638	.2629	.2636	.2625	.2596	0.
30.	.2682	.2605	.2636	.2619	.2643	.2639	.2628	.2619	.2634	.2623	.2629	.2615	.2586	30.
60.	.2714	.2637	.2665	.2647	.2670	.2663	.2642	.2623	.2636	.2627	.2637	.2630	.2606	60.
90.	.2756	.2682	.2710	.2691	.2709	.2696	.2675	.2655	.2674	.2666	.2673	.2654	.2623	90.
120.	.2778	.2704	.2731	.2711	.2730	.2719	.2696	.2671	.2685	.2679	.2694	.2686	.2661	120.
150.	.2818	.2740	.2763	.2736	.2749	.2739	.2718	.2697	.2709	.2700	.2710	.2695	.2663	150.
180.	.2839	.2757	.2780	.2749	.2761	.2748	.2727	.2708	.2723	.2711	.2714	.2692	.2656	180.
						FOR ALPHA = 1.65 DEG								
0.	.2462	.2393	.2418	.2410	.2436	.2437	.2423	.2412	.2429	.2419	.2426	.2413	.2386	0.
30.	.2490	.2419	.2443	.2432	.2458	.2458	.2448	.2435	.2449	.2438	.2441	.2429	.2405	30.
60.	.2601	.2530	.2554	.2538	.2560	.2552	.2536	.2519	.2533	.2524	.2534	.2528	.2502	60.
90.	.2752	.2679	.2705	.2687	.2705	.2691	.2670	.2652	.2674	.2665	.2669	.2655	.2628	90.
120.	.2888	.2815	.2842	.2821	.2842	.2832	.2805	.2777	.2791	.2783	.2796	.2791	.2766	120.
150.	.3019	.2938	.2962	.2932	.2945	.2935	.2909	.2890	.2907	.2897	.2903	.2888	.2857	150.
180.	.3070	.2988	.3008	.2976	.2990	.2976	.2949	.2926	.2942	.2931	.2937	.2917	.2878	180.
						FOR ALPHA = 2.65 DEG								
0.	.2257	.2190	.2221	.2210	.2235	.2232	.2221	.2208	.2227	.2222	.2228	.2215	.2187	0.
30.	.2311	.2244	.2269	.2261	.2287	.2285	.2271	.2258	.2273	.2263	.2268	.2257	.2233	30.
60.	.2487	.2419	.2441	.2425	.2444	.2436	.2422	.2407	.2422	.2417	.2429	.2422	.2398	60.
90.	.2743	.2671	.2701	.2683	.2702	.2692	.2669	.2644	.2663	.2653	.2658	.2641	.2611	90.
120.	.3003	.2931	.2957	.2935	.2955	.2948	.2917	.2889	.2899	.2892	.2906	.2900	.2875	120.
150.	.3215	.3137	.3164	.3132	.3147	.3131	.3101	.3078	.3096	.3086	.3097	.3080	.3048	150.
180.	.3312	.3229	.3256	.3221	.3236	.3217	.3187	.3161	.3178	.3165	.3170	.3149	.3110	180.
						FOR ALPHA = 4.65 DEG								
0.	.1891	.1828	.1854	.1844	.1862	.1857	.1847	.1836	.1852	.1847	.1853	.1842	.1823	0.
30.	.1974	.1913	.1939	.1928	.1945	.1941	.1926	.1914	.1928	.1925	.1931	.1917	.1893	30.
60.	.2257	.2194	.2213	.2196	.2213	.2209	.2197	.2185	.2203	.2202	.2211	.2200	.2174	60.
90.	.2718	.2645	.2675	.2653	.2671	.2663	.2637	.2616	.2634	.2623	.2623	.2606	.2585	90.
120.	.3221	.3149	.3172	.3150	.3169	.3152	.3119	.3090	.3102	.3095	.3109	.3099	.3072	120.
150.	.3638	.3556	.3588	.3563	.3582	.3563	.3528	.3499	.3515	.3502	.3513	.3495	.3457	150.
180.	.3818	.3727	.3755	.3720	.3731	.3705	.3673	.3651	.3671	.3654	.3660	.3636	.3590	180.
						FOR ALPHA = 9.65 DEG								
0.	.1146	.1082	.1095	.1087	.1097	.1093	.1084	.1076	.1090	.1090	.1096	.1091	.1076	0.
30.	.1243	.1182	.1197	.1189	.1198	.1194	.1184	.1173	.1184	.1181	.1185	.1177	.1166	30.
60.	.1684	.1626	.1640	.1629	.1648	.1646	.1635	.1622	.1633	.1628	.1626	.1612	.1594	60.
90.	.2572	.2514	.2534	.2513	.2527	.2520	.2502	.2486	.2503	.2498	.2501	.2488	.2467	90.
120.	.3729	.3658	.3685	.3658	.3685	.3666	.3633	.3607	.3627	.3612	.3617	.3593	.3570	120.
150.	.4753	.4667	.4711	.4681	.4705	.4676	.4628	.4593	.4601	.4581	.4586	.4563	.4528	150.
180.	.5193	.5091	.5133	.5088	.5108	.5069	.5024	.4987	.5002	.4976	.4991	.4967	.4908	180.
						FOR ALPHA = 14.65 DEG								
0.	.0632	.0563	.0566	.0557	.0562	.0557	.0549	.0541	.0547	.0546	.0548	.0543	.0533	0.
30.	.0654	.0591	.0596	.0589	.0596	.0596	.0592	.0585	.0592	.0594	.0595	.0589	.0580	30.
60.	.1133	.1079	.1084	.1067	.1074	.1072	.1064	.1050	.1060	.1061	.1064	.1057	.1046	60.
90.	.2392	.2338	.2357	.2347	.2368	.2363	.2345	.2321	.2332	.2323	.2321	.2308	.2292	90.
120.	.4225	.4176	.4199	.4165	.4186	.4176	.4144	.4117	.4131	.4113	.4115	.4102	.4074	120.
150.	.6002	.5913	.5939	.5893	.5920	.5892	.5838	.5791	.5804	.5786	.5795	.5781	.5744	150.
180.	.6740	.6604	.6650	.6609	.6637	.6594	.6528	.6481	.6505	.6488	.6496	.6457	.6395	180.
						FOR ALPHA = 19.65 DEG								
0.	.0297	.0225	.0230	.0226	.0231	.0231	.0229	.0228	.0232	.0230	.0231	.0225	.0217	0.
30.	.0176	.0099	.0102	.0098	.0103	.0104	.0100	.0096	.0095	.0090	.0085	.0079	.0074	30.
60.	.0673	.0613	.0604	.0591	.0607	.0609	.0604	.0594	.0600	.0599	.0598	.0591	.0586	60.
90.	.2243	.2209	.2230	.2213	.2222	.2205	.2190	.2174	.2188	.2183	.2181	.2172	.2156	90.
120.	.4698	.4651	.4693	.4653	.4682	.4675	.4645	.4612	.4626	.4610	.4611	.4594	.4571	120.
150.	.7232	.7159	.7226	.7190	.7231	.7192	.7127	.7068	.7099	.7074	.7067	.7025	.6969	150.
180.	.8352	.8235	.8313	.8279	.8290	.8236	.8187	.8143	.8154	.8114	.8100	.8034	.7958	180.

TABLE I. - CONTINUED

(D) MACH = 4.50, BETA = .00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -.50 DEG								
0.	.2905	.2888	.2663	.2593	.2643	.2764	.2712	.2800	.2750	.2718	.2762	.2759	.2756	.2766
30.	.2912	.2897	.2676	.2601	.2641	.2776	.2725	.2822	.2779	.2750	.2793	.2784	.2775	.2782
60.	.2886	.2872	.2651	.2577	.2610	.2752	.2705	.2805	.2764	.2736	.2784	.2778	.2770	.2775
90.	.2854	.2836	.2614	.2549	.2578	.2718	.2672	.2769	.2724	.2698	.2749	.2748	.2740	.2745
120.	.2802	.2785	.2558	.2508	.2522	.2655	.2611	.2709	.2664	.2639	.2687	.2684	.2675	.2676
150.	.2762	.2743	.2512	.2470	.2478	.2592	.2549	.2650	.2608	.2587	.2634	.2628	.2616	.2618
180.	.2721	.2708	.2475	.2444	.2458	.2548	.2509	.2605	.2561	.2534	.2574	.2566	.2555	.2560
						FOR ALPHA = .50 DEG								
0.	.2679	.2672	.2444	.2428	.2444	.2525	.2488	.2571	.2520	.2491	.2537	.2537	.2530	.2535
30.	.2724	.2705	.2475	.2447	.2480	.2559	.2528	.2618	.2573	.2546	.2591	.2587	.2579	.2583
60.	.2789	.2766	.2530	.2491	.2539	.2631	.2599	.2697	.2656	.2628	.2673	.2667	.2657	.2660
90.	.2862	.2838	.2603	.2551	.2603	.2710	.2674	.2771	.2730	.2704	.2754	.2750	.2741	.2746
120.	.2921	.2895	.2661	.2600	.2652	.2774	.2725	.2819	.2775	.2747	.2794	.2794	.2787	.2788
150.	.2953	.2931	.2705	.2631	.2673	.2806	.2746	.2839	.2797	.2768	.2813	.2811	.2804	.2810
180.	.2946	.2928	.2703	.2626	.2664	.2794	.2730	.2822	.2782	.2756	.2804	.2797	.2786	.2790
						FOR ALPHA = 1.50 DEG								
0.	.2470	.2465	.2233	.2295	.2210	.2287	.2277	.2350	.2305	.2284	.2328	.2325	.2318	.2321
30.	.2541	.2528	.2283	.2337	.2302	.2345	.2331	.2426	.2382	.2357	.2400	.2400	.2394	.2399
60.	.2686	.2661	.2410	.2405	.2440	.2493	.2486	.2582	.2541	.2510	.2551	.2544	.2536	.2543
90.	.2867	.2832	.2578	.2551	.2611	.2694	.2661	.2758	.2723	.2694	.2743	.2739	.2732	.2737
120.	.3043	.3005	.2756	.2702	.2765	.2872	.2827	.2933	.2889	.2859	.2909	.2911	.2906	.2903
150.	.3161	.3125	.2897	.2818	.2877	.2992	.2936	.3036	.2994	.2967	.3018	.3017	.3013	.3010
180.	.3182	.3151	.2929	.2832	.2912	.3030	.2964	.3054	.3004	.2976	.3028	.3027	.3022	.3014
						FOR ALPHA = 2.50 DEG								
0.	.2268	.2266	.2033	.2112	.1999	.2073	.2085	.2146	.2100	.2085	.2125	.2127	.2123	.2130
30.	.2357	.2345	.2096	.2186	.2075	.2143	.2147	.2229	.2195	.2170	.2212	.2213	.2211	.2216
60.	.2560	.2531	.2288	.2325	.2318	.2369	.2361	.2441	.2405	.2372	.2410	.2409	.2406	.2411
90.	.2869	.2823	.2576	.2516	.2617	.2700	.2651	.2744	.2709	.2679	.2725	.2724	.2718	.2722
120.	.3159	.3112	.2858	.2819	.2895	.2972	.2940	.3039	.2998	.2967	.3018	.3020	.3018	.3013
150.	.3375	.3328	.3094	.3034	.3098	.3190	.3145	.3244	.3194	.3161	.3216	.3218	.3222	.3214
180.	.3431	.3392	.3169	.3084	.3182	.3253	.3209	.3300	.3242	.3212	.3272	.3274	.3277	.3264
						FOR ALPHA = 4.50 DEG								
0.	.1886	.1910	.1675	.1740	.1673	.1653	.1688	.1782	.1735	.1717	.1754	.1762	.1765	.1776
30.	.2003	.1990	.1765	.1857	.1766	.1785	.1789	.1885	.1846	.1833	.1871	.1872	.1875	.1886
60.	.2352	.2311	.2091	.2143	.2098	.2146	.2153	.2216	.2175	.2154	.2198	.2196	.2193	.2200
90.	.2851	.2788	.2577	.2462	.2596	.2659	.2617	.2703	.2664	.2636	.2686	.2684	.2678	.2683
120.	.3390	.3326	.3093	.3063	.3135	.3198	.3139	.3239	.3205	.3176	.3233	.3235	.3236	.3225
150.	.3820	.3757	.3524	.3483	.3561	.3602	.3571	.3669	.3622	.3589	.3650	.3647	.3633	.3639
180.	.3951	.3902	.3684	.3640	.3731	.3751	.3712	.3807	.3747	.3715	.3779	.3778	.3765	.3772
						FOR ALPHA = 9.51 DEG								
0.	.1154	.1253	.0977	.0986	.0972	.0938	.0853	.0940	.0979	.0988	.1014	.1021	.1019	.1021
30.	.1269	.1265	.1052	.1139	.1119	.1090	.1057	.1136	.1118	.1103	.1129	.1133	.1134	.1141
60.	.1777	.1713	.1442	.1570	.1621	.1588	.1561	.1624	.1601	.1589	.1626	.1629	.1627	.1633
90.	.2704	.2629	.2314	.2448	.2434	.2536	.2469	.2540	.2513	.2486	.2531	.2531	.2530	.2541
120.	.3914	.3820	.3509	.3649	.3699	.3704	.3661	.3737	.3698	.3664	.3729	.3729	.3715	.3721
150.	.4979	.4885	.4605	.4563	.4735	.4755	.4697	.4804	.4746	.4718	.4806	.4787	.4778	.4780
180.	.5357	.5307	.5013	.4952	.5122	.5149	.5094	.5212	.5140	.5116	.5205	.5178	.5171	.5173
						FOR ALPHA = 14.50 DEG								
0.	.0701	.0702	.0523	.0501	.0466	.0457	.0435	.0463	.0456	.0449	.0468	.0487	.0498	.0510
30.	.0758	.0706	.0551	.0576	.0581	.0555	.0510	.0557	.0542	.0525	.0541	.0545	.0545	.0555
60.	.1252	.1171	.1034	.1140	.1081	.1070	.1027	.1086	.1071	.1050	.1061	.1054	.1052	.1061
90.	.2575	.2481	.2232	.2318	.2319	.2372	.2319	.2383	.2371	.2338	.2376	.2371	.2368	.2365
120.	.4453	.4321	.4117	.4104	.4230	.4234	.4180	.4255	.4221	.4176	.4232	.4199	.4206	.4222
150.	.6222	.6111	.5932	.5821	.5959	.6009	.5931	.6035	.5960	.5910	.5984	.5950	.5967	.5983
180.	.6901	.6850	.6729	.6460	.6665	.6715	.6628	.6760	.6655	.6608	.6675	.6688	.6689	.6700
						FOR ALPHA = 19.50 DEG								
0.	.0400	.0355	.0234	.0206	.0182	.0177	.0166	.0179	.0180	.0186	.0202	.0211	.0213	.0216
30.	.0360	.0284	.0170	.0170	.0157	.0150	.0135	.0125	.0118	.0122	.0115	.0105	.0101	.0101
60.	.0879	.0765	.0553	.0738	.0668	.0698	.0651	.0648	.0653	.0640	.0659	.0641	.0666	.0664
90.	.2458	.2352	.2199	.2260	.2212	.2241	.2207	.2223	.2212	.2178	.2206	.2210	.2212	.2221
120.	.4985	.4840	.4681	.4582	.4738	.4765	.4675	.4738	.4705	.4639	.4689	.4681	.4693	.4707
150.	.7558	.7440	.7123	.7332	.7291	.7302	.7193	.7295	.7215	.7137	.7236	.7219	.7221	.7227
180.	.8583	.8519	.7971	.8332	.8343	.8355	.8239	.8391	.8273	.8248	.8349	.8358	.8323	.8325

TABLE I. - CONCLUDED

(D) MACH = 4.50, BETA = .00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.50 DEG								
0.	.2791	.2707	.2735	.2726	.2758	.2766	.2755	.2744	.2764	.2758	.2766	.2752	.2720	0.
30.	.2811	.2731	.2761	.2749	.2777	.2782	.2773	.2763	.2785	.2775	.2775	.2757	.2724	30.
60.	.2800	.2714	.2739	.2723	.2746	.2748	.2731	.2716	.2734	.2725	.2732	.2719	.2690	60.
90.	.2772	.2680	.2704	.2686	.2704	.2695	.2671	.2648	.2665	.2658	.2665	.2651	.2623	90.
120.	.2703	.2613	.2633	.2613	.2627	.2618	.2601	.2580	.2594	.2583	.2589	.2577	.2552	120.
150.	.2650	.2559	.2578	.2553	.2562	.2552	.2534	.2513	.2525	.2515	.2520	.2510	.2486	150.
180.	.2586	.2501	.2528	.2512	.2529	.2523	.2508	.2488	.2501	.2492	.2498	.2487	.2462	180.
						FOR ALPHA = .50 DEG								
0.	.2573	.2494	.2526	.2523	.2553	.2557	.2542	.2526	.2542	.2536	.2542	.2530	.2496	0.
30.	.2623	.2543	.2572	.2566	.2595	.2599	.2590	.2574	.2587	.2575	.2576	.2561	.2533	30.
60.	.2686	.2600	.2626	.2613	.2639	.2641	.2628	.2614	.2633	.2624	.2629	.2615	.2584	60.
90.	.2771	.2681	.2703	.2684	.2702	.2695	.2672	.2654	.2669	.2661	.2665	.2651	.2624	90.
120.	.2816	.2724	.2746	.2727	.2745	.2736	.2711	.2691	.2706	.2696	.2700	.2686	.2658	120.
150.	.2843	.2756	.2774	.2751	.2762	.2749	.2723	.2702	.2716	.2704	.2706	.2691	.2666	150.
180.	.2816	.2729	.2754	.2736	.2754	.2750	.2728	.2708	.2724	.2714	.2720	.2707	.2678	180.
						FOR ALPHA = 1.50 DEG								
0.	.2373	.2291	.2323	.2317	.2340	.2338	.2329	.2314	.2332	.2324	.2327	.2312	.2283	0.
30.	.2442	.2363	.2394	.2389	.2416	.2417	.2403	.2383	.2397	.2384	.2386	.2373	.2347	30.
60.	.2579	.2493	.2522	.2513	.2534	.2537	.2528	.2517	.2534	.2523	.2523	.2507	.2476	60.
90.	.2759	.2673	.2694	.2678	.2697	.2691	.2668	.2650	.2665	.2657	.2663	.2649	.2622	90.
120.	.2926	.2835	.2860	.2840	.2851	.2849	.2823	.2801	.2815	.2804	.2808	.2794	.2764	120.
150.	.3044	.2952	.2975	.2951	.2966	.2946	.2919	.2895	.2912	.2900	.2904	.2886	.2856	150.
180.	.3043	.2953	.2990	.2961	.2982	.2973	.2952	.2931	.2948	.2935	.2938	.2922	.2891	180.
						FOR ALPHA = 2.50 DEG								
0.	.2182	.2106	.2129	.2124	.2142	.2139	.2127	.2118	.2133	.2124	.2124	.2109	.2082	0.
30.	.2269	.2192	.2223	.2215	.2235	.2230	.2215	.2196	.2206	.2196	.2197	.2186	.2163	30.
60.	.2453	.2372	.2398	.2388	.2411	.2415	.2408	.2394	.2411	.2400	.2399	.2380	.2349	60.
90.	.2749	.2667	.2687	.2671	.2692	.2686	.2664	.2646	.2660	.2652	.2655	.2641	.2616	90.
120.	.3037	.2945	.2969	.2950	.2973	.2960	.2937	.2910	.2927	.2915	.2918	.2902	.2870	120.
150.	.3246	.3154	.3177	.3154	.3173	.3151	.3122	.3095	.3111	.3098	.3101	.3083	.3052	150.
180.	.3296	.3197	.3226	.3204	.3226	.3210	.3188	.3171	.3191	.3178	.3179	.3159	.3125	180.
						FOR ALPHA = 4.50 DEG								
0.	.1833	.1751	.1767	.1754	.1770	.1768	.1762	.1750	.1761	.1754	.1756	.1742	.1721	0.
30.	.1943	.1868	.1887	.1874	.1889	.1880	.1864	.1847	.1862	.1854	.1856	.1844	.1823	30.
60.	.2243	.2167	.2186	.2181	.2200	.2203	.2196	.2179	.2188	.2176	.2173	.2155	.2131	60.
90.	.2712	.2640	.2660	.2644	.2660	.2652	.2628	.2610	.2628	.2621	.2625	.2611	.2586	90.
120.	.3254	.3159	.3180	.3159	.3179	.3171	.3146	.3125	.3140	.3126	.3130	.3112	.3079	120.
150.	.3662	.3577	.3608	.3583	.3595	.3579	.3545	.3515	.3528	.3509	.3512	.3493	.3460	150.
180.	.3799	.3701	.3732	.3708	.3727	.3714	.3690	.3668	.3685	.3667	.3667	.3643	.3607	180.
						FOR ALPHA = 9.51 DEG								
0.	.1087	.0998	.1005	.0998	.1010	.1006	.1000	.0993	.1003	.1003	.1007	.0999	.0986	0.
30.	.1206	.1122	.1127	.1119	.1126	.1126	.1118	.1109	.1117	.1117	.1120	.1115	.1105	30.
60.	.1687	.1609	.1621	.1609	.1621	.1618	.1608	.1588	.1591	.1583	.1579	.1569	.1556	60.
90.	.2575	.2507	.2532	.2520	.2538	.2528	.2506	.2485	.2498	.2489	.2491	.2474	.2450	90.
120.	.3734	.3664	.3702	.3677	.3698	.3689	.3662	.3635	.3653	.3638	.3633	.3619	.3590	120.
150.	.4795	.4717	.4746	.4715	.4738	.4717	.4678	.4641	.4648	.4623	.4627	.4603	.4562	150.
180.	.5190	.5106	.5151	.5112	.5135	.5113	.5075	.5043	.5059	.5036	.5046	.5013	.4964	180.
						FOR ALPHA = 14.50 DEG								
0.	.0604	.0502	.0502	.0496	.0502	.0501	.0498	.0493	.0496	.0496	.0496	.0491	.0483	0.
30.	.0643	.0545	.0548	.0541	.0544	.0543	.0540	.0537	.0542	.0541	.0540	.0535	.0528	30.
60.	.1130	.1060	.1072	.1060	.1063	.1055	.1048	.1035	.1040	.1039	.1043	.1038	.1027	60.
90.	.2401	.2336	.2359	.2346	.2354	.2340	.2324	.2307	.2319	.2313	.2309	.2292	.2275	90.
120.	.4249	.4184	.4207	.4171	.4189	.4171	.4145	.4118	.4131	.4111	.4117	.4096	.4057	120.
150.	.5993	.5897	.5941	.5904	.5935	.5913	.5862	.5815	.5836	.5816	.5815	.5786	.5736	150.
180.	.6733	.6606	.6668	.6635	.6671	.6629	.6578	.6540	.6569	.6537	.6535	.6485	.6417	180.
						FOR ALPHA = 19.50 DEG								
0.	.0307	.0199	.0196	.0192	.0196	.0196	.0193	.0193	.0199	.0199	.0199	.0193	.0186	0.
30.	.0208	.0101	.0102	.0095	.0094	.0088	.0078	.0077	.0073	.0067	.0062	.0055	.0047	30.
60.	.0735	.0649	.0641	.0630	.0642	.0642	.0632	.0626	.0631	.0627	.0624	.0616	.0608	60.
90.	.2267	.2210	.2220	.2200	.2207	.2192	.2175	.2156	.2163	.2155	.2152	.2143	.2131	90.
120.	.4706	.4639	.4664	.4629	.4651	.4646	.4619	.4584	.4602	.4589	.4581	.4558	.4533	120.
150.	.7225	.7156	.7221	.7188	.7225	.7186	.7134	.7098	.7119	.7090	.7083	.7043	.6982	150.
180.	.8340	.8225	.8299	.8268	.8308	.8276	.8242	.8202	.8196	.8155	.8151	.8082	.7988	180.

TABLE II. - FOREBODY 2, AXIS RATIO 2/1 ELLIPTIC CONE

(A) MACH = 1.70, BETA = -.01 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.65 DEG								
0.		.3661	.3511	.3623	.3564	.3580	.3583	.3626	.3636	.3696	.3667	.3628	.3637	.3643
10.				.3075	.3057	.3083	.3070	.3048	.3089	.3079	.3045	.3068	.3043	.3043
20.			.2447	.2436	.2398	.2429	.2382	.2370	.2479	.2443	.2467	.2415	.2463	.2452
35.	.1950	.2076	.2075	.2020	.1955	.2022	.1965	.2045	.2061	.2046	.2046	.2079	.2041	.2012
50.				.1867	.1884		.1813	.1914	.1929	.1880	.1868	.1879	.1863	.1838
65.		.1848	.1866	.1780	.1812	.1743	.1753	.1825	.1831	.1798	.1806	.1798	.1771	.1764
90.	.1793	.1769	.1596	.1758	.1733	.1693	.1683	.1732	.1764		.1745	.1728	.1681	.1734
115.		.1791	.1544	.1727	.1699	.1673	.1682	.1673	.1669	.1659	.1694	.1674	.1670	.1645
130.				.1757	.1684		.1671	.1669	.1673	.1647	.1672	.1682	.1663	.1636
145.	.1634	.1811	.1566	.1743	.1628	.1676	.1648	.1673	.1659	.1644	.1669	.1709	.1674	.1639
160.			.1766	.1747	.1744	.1730	.1691	.1694	.1704	.1669	.1719	.1747	.1734	.1709
170.				.1839	.1834	.1821	.1816	.1803	.1801	.1794	.1805	.1863	.1854	.1829
180.		.1983	.1883	.1947	.1907	.1923	.1882	.1909	.1896	.1965	.1968	.1938	.1959	.1959
						FOR ALPHA = -2.64 DEG								
0.		.3288	.3137	.3238	.3181	.3199	.3197	.3208	.3205	.3271	.3229	.3168	.3217	.3255
10.				.2800	.2796	.2820	.2807	.2777	.2763	.2771	.2739	.2753	.2761	.2763
20.			.2324	.2304	.2275	.2310	.2270	.2234	.2320	.2286	.2293	.2259	.2289	.2281
35.	.1947	.2043	.2049	.2004	.1925	.2007	.1942	.1978	.2009	.1986	.1989	.2010	.1955	.1937
50.				.1899	.1905		.1845	.1873	.1895	.1849	.1851	.1863	.1841	.1823
65.		.1891	.1859	.1832	.1845	.1784	.1791	.1811	.1827	.1803	.1799	.1793	.1832	.1771
90.	.1840	.1811	.1607	.1838	.1783	.1736	.1722	.1766	.1798		.1775	.1773	.1744	.1753
115.		.1823	.1484	.1832	.1767	.1725	.1733	.1740	.1732	.1719	.1741	.1739	.1725	.1696
130.				.1836	.1773		.1730	.1740	.1745	.1717	.1734	.1764	.1744	.1714
145.	.1684	.1801	.1723	.1828	.1733	.1776	.1740	.1752	.1763	.1721	.1757	.1794	.1783	.1756
160.			.1873	.1869	.1888	.1875	.1843	.1838	.1870	.1831	.1856	.1855	.1920	.1889
170.				.2028	.2061	.2058	.2063	.2039	.2024	.2017	.2013	.2069	.2073	.2077
180.		.2256	.2133	.2230	.2197	.2220	.2214	.2214	.2191	.2249	.2264	.2226	.2262	.2258
						FOR ALPHA = -1.65 DEG								
0.		.3093	.2972	.3071	.3015	.3007	.2998	.3026	.3009	.3057	.3025	.2967	.3037	.3087
10.				.2674	.2670	.2670	.2670	.2621	.2631	.2633	.2604	.2623	.2635	.2654
20.			.2271	.2254	.2228	.2243	.2195	.2153	.2250	.2200	.2214	.2170	.2229	.2223
35.	.1936	.2027	.2059	.1986	.1918	.1998	.1926	.1934	.1981	.1941	.1946	.1967	.1929	.1918
50.				.1888	.1911		.1835	.1858	.1895	.1830	.1837	.1835	.1832	.1805
65.		.1909	.1835	.1831	.1851	.1806	.1798	.1812	.1824	.1802	.1800	.1771	.1782	.1760
90.	.1870	.1850	.1580	.1850	.1796	.1760	.1743	.1780	.1800		.1770	.1789	.1743	.1755
115.		.1843	.1629	.1833	.1788	.1749	.1761	.1768	.1745	.1732	.1760	.1769	.1754	.1711
130.				.1846	.1801		.1763	.1780	.1768	.1748	.1761	.1795	.1773	.1735
145.	.1731	.1827	.1698	.1856	.1775	.1814	.1782	.1811	.1799	.1791	.1797	.1844	.1822	.1788
160.			.1945	.1937	.1951	.1945	.1911	.1900	.1930	.1906	.1921	.1923	.2003	.1956
170.				.2153	.2164	.2169	.2180	.2145	.2143	.2124	.2124	.2182	.2190	.2190
180.		.2396	.2278	.2367	.2340	.2383	.2350	.2389	.2367	.2331	.2411	.2393	.2392	.2412
						FOR ALPHA = -.65 DEG								
0.		.2922	.2797	.2886	.2829	.2826	.2819	.2832	.2818	.2862	.2822	.2817	.2858	.2894
10.				.2567	.2543	.2540	.2520	.2498	.2494	.2483	.2492	.2495	.2510	.2514
20.			.2237	.2193	.2167	.2175	.2114	.2092	.2160	.2116	.2137	.2112	.2162	.2147
35.	.1936	.2000	.2031	.1961	.1918	.1949	.1894	.1910	.1944	.1908	.1896	.1933	.1905	.1882
50.				.1903	.1890		.1835	.1830	.1874	.1810	.1811	.1826	.1805	.1789
65.		.1918	.1896	.1886	.1841	.1818	.1794	.1806	.1827	.1777	.1794	.1765	.1767	.1755
90.	.1899	.1880	.1539	.1873	.1801	.1777	.1753	.1788	.1800		.1792	.1800	.1751	.1782
115.		.1856	.1684	.1805	.1796	.1770	.1773	.1784	.1770	.1754	.1775	.1818	.1798	.1754
130.				.1818	.1822		.1784	.1809	.1807	.1772	.1845	.1851	.1828	.1784
145.	.1775	.1861	.1844	.1849	.1819	.1853	.1807	.1862	.1837	.1836	.1856	.1909	.1922	.1846
160.			.2021	.1979	.2025	.2025	.1975	.1983	.2006	.1988	.2016	.2007	.2073	.2054
170.				.2266	.2276	.2293	.2300	.2276	.2268	.2258	.2268	.2315	.2326	.2326
180.		.2573	.2442	.2522	.2486	.2530	.2535	.2542	.2526	.2570	.2622	.2590	.2578	.2610
						FOR ALPHA = .35 DEG								
0.		.2748	.2635	.2725	.2656	.2666	.2641	.2661	.2633	.2678	.2693	.2638	.2681	.2732
10.				.2447	.2437	.2424	.2404	.2367	.2354	.2362	.2359	.2374	.2393	.2438
20.			.2195	.2132	.2129	.2113	.2054	.2033	.2083	.2042	.2073	.2043	.2094	.2084
35.	.1911	.1992	.2010	.1950	.1890	.1921	.1864	.1898	.1915	.1876	.1870	.1897	.1873	.1862
50.				.1921	.1888		.1804	.1833	.1856	.1801	.1743	.1910	.1797	.1778
65.		.1939	.1792	.1906	.1846	.1803	.1789	.1797	.1810	.1774	.1779	.1765	.1764	.1747
90.	.1918	.1901	.1592	.1894	.1805	.1773	.1754	.1794	.1811		.1782	.1785	.1750	.1784
115.		.1861	.1756	.1818	.1804	.1772	.1774	.1797	.1789	.1762	.1791	.1851	.1798	.1756
130.				.1829	.1840		.1791	.1820	.1819	.1791	.1797	.1863	.1838	.1788
145.	.1825	.1909	.1908	.1868	.1857	.1904	.1851	.1892	.1883	.1866	.1878	.1947	.1916	.1860
160.			.2070	.2032	.2075	.2102	.2047	.2055	.2088	.2052	.2073	.2063	.2142	.2111
170.				.2363	.2399	.2418	.2424	.2417	.2389	.2378	.2373	.2421	.2436	.2431
180.		.2750	.2625	.2690	.2669	.2696	.2703	.2728	.2706	.2742	.2773	.2750	.2752	.2755
						FOR ALPHA = 1.35 DEG								
0.		.2590	.2470	.2557	.2495	.2508	.2476	.2483	.2456	.2499	.2501	.2470	.2525	.2565
10.				.2327	.2308	.2306	.2296	.2237	.2233	.2239	.2235	.2269	.2268	.2288
20.			.2140	.2070	.2067	.2044	.1983	.1962	.2011	.1983	.2013	.1990	.2011	.2009
35.	.1882	.1988	.1964	.1943	.1869	.1885	.1821	.1866	.1854	.1846	.1853	.1873	.1843	.1827
50.				.1923	.1881		.1783	.1828	.1819	.1780	.1772	.1791	.1785	.1767
65.		.1952	.1821	.1899	.1842	.1790	.1771	.1814	.1806	.1768	.1758	.1753	.1747	.1750
90.	.1916	.1899	.1620	.1886	.1799	.1758	.1749	.1799	.1809		.1771	.1781	.1744	.1779
115.		.1877	.1804	.1817	.1793	.1758	.1788	.1800	.1787	.1755	.1787	.1814	.1810	.1771
130.				.1839	.1846		.1812	.1838	.1836	.1793	.1809	.1881	.1864	.1837
145.	.1872	.1942	.1909	.1891	.1854	.1916	.1873	.1924	.1921	.1896	.1910	.1979	.1965	.1892
160.			.2144	.2115	.2106	.2150	.2111	.2119	.2167	.2119	.2145	.2132	.2219	.2175
170.				.2495	.2513	.2541	.2552	.2536	.2530	.2497	.2512	.2533	.2564	.2564
180.		.2949	.2805	.2871	.2831	.2863	.2886	.2905	.2893	.2932	.2956	.2922	.2942	.2922

TABLE II. - CONTINUED

(A) MACH = 1.70, BETA = -.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.65 DEG								
0.	.3641	.3675	.3670	.3724	.3686	.3652	.3717	.3676	.3668	.3645	.3661	.3643	.3587	0.
10.		.3084	.3087	.3101	.3130	.3114	.3126	.3114	.3052	.3082	.3050	.3080	.3007	10.
20.	.2471	.2477	.2531	.2526	.2524	.2528	.2524	.2474	.2516	.2480	.2461	.2510	.2448	20.
35.	.2023	.2114	.2041	.2104		.2115	.2094	.2078	.2053	.2061	.2042	.2009	.1931	35.
50.	.1909	.1903	.1889	.1919	.1909	.1903	.1912	.1874	.1851	.1859	.1851	.1859	.1844	50.
65.	.1835	.1830	.1818	.1829	.1809	.1817	.1821	.1757		.1769	.1808	.1860	.1805	65.
90.	.1764	.1789	.1735	.1742	.1735	.1748	.1705	.1684	.1685	.1730	.1731	.1719	.1699	90.
115.	.1733	.1741	.1721	.1731	.1767	.1754	.1684	.1639		.1664	.1668	.1689	.1632	115.
130.	.1719	.1734	.1713	.1743	.1751	.1736	.1664	.1654	.1638	.1659	.1652	.1647	.1598	130.
145.	.1658	.1747	.1715	.1767		.1769	.1684	.1687	.1671	.1676	.1654	.1614	.1549	145.
160.	.1747	.1748	.1807	.1803	.1805	.1813	.1803	.1733	.1730	.1717	.1680	.1702	.1657	160.
170.		.1874	.1875	.1908	.1915	.1922	.1922	.1876	.1814	.1818	.1779	.1766	.1744	170.
180.	.1976	.1996	.1994	.2065	.2024	.1969	.1997	.1965	.1945	.1904	.1900	.1912	.1867	180.
						FOR ALPHA = -2.64 DEG								
0.	.3288	.3289	.3289	.3324	.3288	.3253	.3302	.3285	.3260	.3249	.3269	.3261	.3188	0.
10.		.2818	.2821	.2818	.2846	.2847	.2853	.2829	.2766	.2801	.2790	.2794	.2733	10.
20.	.2323	.2335	.2397	.2399	.2379	.2386	.2381	.2318	.2367	.2348	.2317	.2333	.2280	20.
35.	.1968	.2070	.2016	.2057		.2073	.2030	.2021	.2012	.2018	.1993	.1956	.1880	35.
50.	.1903	.1909	.1887	.1907	.1921	.1907	.1906	.1876	.1858	.1855	.1841	.1846	.1819	50.
65.	.1848	.1852	.1827	.1840	.1841	.1837	.1862	.1787		.1795	.1795	.1820	.1821	65.
90.	.1793	.1827	.1785	.1781	.1763	.1779	.1761	.1715	.1712	.1738	.1775	.1764	.1747	90.
115.	.1795	.1804	.1777	.1755	.1762	.1816	.1762	.1694		.1703	.1703	.1747	.1688	115.
130.	.1796	.1803	.1776	.1765	.1770	.1831	.1757	.1715	.1708	.1711	.1698	.1728	.1673	130.
145.	.1763	.1831	.1777	.1839		.1872	.1802	.1771	.1759	.1756	.1760	.1738	.1634	145.
160.	.1885	.1860	.1935	.1957	.1954	.1944	.1960	.1907	.1886	.1881	.1834	.1867	.1800	160.
170.		.2052	.2056	.2113	.2141	.2113	.2158	.2153	.2066	.2047	.1996	.2006	.1938	170.
180.	.2241	.2273	.2268	.2313	.2291	.2330	.2312	.2283	.2262	.2240	.2197	.2184	.2158	180.
						FOR ALPHA = -1.65 DEG								
0.	.3101	.3115	.3090	.3130	.3094	.3073	.3100	.3070	.3067	.3058	.3076	.3077	.3007	0.
10.		.2692	.2694	.2703	.2720	.2711	.2723	.2694	.2608	.2680	.2646	.2681	.2611	10.
20.	.2260	.2261	.2335	.2328	.2315	.2315	.2331	.2238	.2261	.2273	.2223	.2265	.2226	20.
35.	.1949	.2052	.1995	.2039		.2035	.1996	.2014	.1984	.1980	.1955	.1926	.1838	35.
50.	.1896	.1893	.1884	.1910	.1917	.1899	.1893	.1877	.1857	.1850	.1823	.1840	.1800	50.
65.	.1846	.1851	.1836	.1851	.1858	.1848	.1872	.1794		.1787	.1797	.1829	.1806	65.
90.	.1791	.1829	.1794	.1791	.1776	.1790	.1775	.1723	.1730	.1753	.1773	.1780	.1762	90.
115.	.1806	.1830	.1793	.1767	.1774	.1828	.1780	.1703		.1731	.1729	.1758	.1718	115.
130.	.1823	.1838	.1808	.1780	.1789	.1860	.1807	.1738	.1730	.1741	.1731	.1756	.1707	130.
145.	.1808	.1889	.1823	.1852		.1916	.1874	.1809	.1798	.1796	.1795	.1776	.1683	145.
160.	.1974	.1943	.1995	.2004	.2017	.2017	.2038	.1988	.1957	.1958	.1912	.1942	.1880	160.
170.		.2160	.2162	.2214	.2249	.2229	.2243	.2279	.2195	.2162	.2125	.2134	.2041	170.
180.	.2427	.2419	.2422	.2462	.2428	.2452	.2500	.2441	.2427	.2398	.2356	.2340	.2307	180.
						FOR ALPHA = -.65 DEG								
0.	.2921	.2931	.2905	.2955	.2900	.2878	.2925	.2888	.2882	.2876	.2898	.2885	.2813	0.
10.		.2583	.2547	.2573	.2585	.2577	.2580	.2550	.2473	.2539	.2529	.2549	.2471	10.
20.	.2200	.2198	.2253	.2249	.2232	.2235	.2227	.2152	.2181	.2184	.2152	.2193	.2149	20.
35.	.1934	.2013	.1968	.2003		.2013	.1948	.1970	.1947	.1939	.1923	.1885	.1813	35.
50.	.1886	.1891	.1881	.1890	.1915	.1880	.1873	.1873	.1835	.1834	.1811	.1825	.1785	50.
65.	.1835	.1849	.1838	.1846	.1865	.1841	.1869	.1792		.1792	.1786	.1820	.1782	65.
90.	.1791	.1838	.1800	.1805	.1782	.1797	.1783	.1725	.1739	.1757	.1773	.1790	.1769	90.
115.	.1807	.1839	.1812	.1786	.1780	.1851	.1783	.1706		.1751	.1745	.1777	.1735	115.
130.	.1834	.1861	.1819	.1802	.1800	.1868	.1828	.1768	.1759	.1754	.1753	.1772	.1738	130.
145.	.1846	.1943	.1861	.1880		.1943	.1934	.1862	.1838	.1833	.1834	.1820	.1737	145.
160.	.2044	.2025	.2060	.2070	.2086	.2072	.2119	.2066	.2030	.2027	.1984	.2027	.1963	160.
170.		.2292	.2260	.2330	.2373	.2336	.2355	.2398	.2341	.2282	.2241	.2230	.2179	170.
180.	.2615	.2593	.2583	.2628	.2587	.2583	.2694	.2621	.2603	.2587	.2524	.2515	.2482	180.
						FOR ALPHA = .35 DEG								
0.	.2764	.2742	.2725	.2783	.2726	.2707	.2739	.2715	.2710	.2701	.2727	.2699	.2639	0.
10.		.2439	.2422	.2455	.2470	.2463	.2451	.2416	.2356	.2427	.2402	.2423	.2348	10.
20.	.2128	.2132	.2168	.2168	.2169	.2161	.2145	.2091	.2126	.2117	.2082	.2133	.2081	20.
35.	.1896	.1978	.1939	.1971		.1952	.1912	.1940	.1922	.1910	.1887	.1861	.1788	35.
50.	.1881	.1871	.1868	.1884	.1885	.1857	.1851	.1844	.1823	.1816	.1808	.1821	.1772	50.
65.	.1839	.1845	.1835	.1852	.1853	.1836	.1852	.1789		.1779	.1787	.1816	.1778	65.
90.	.1799	.1839	.1803	.1810	.1797	.1799	.1791	.1737	.1741	.1758	.1774	.1778	.1772	90.
115.	.1822	.1849	.1829	.1797	.1785	.1849	.1807	.1715		.1756	.1751	.1780	.1743	115.
130.	.1861	.1880	.1857	.1837	.1823	.1865	.1847	.1799	.1775	.1789	.1772	.1791	.1756	130.
145.	.1875	.1977	.1910	.1923		.1949	.1973	.1899	.1868	.1877	.1864	.1856	.1773	145.
160.	.2118	.2095	.2146	.2147	.2136	.2153	.2190	.2152	.2108	.2109	.2072	.2098	.2038	160.
170.		.2417	.2378	.2431	.2484	.2468	.2477	.2514	.2484	.2423	.2370	.2377	.2310	170.
180.	.2782	.2768	.2733	.2801	.2765	.2746	.2819	.2822	.2784	.2769	.2706	.2683	.2648	180.
						FOR ALPHA = 1.35 DEG								
0.	.2575	.2556	.2571	.2594	.2553	.2543	.2579	.2544	.2529	.2538	.2555	.2518	.2453	0.
10.		.2310	.2322	.2327	.2344	.2337	.2324	.2284	.2255	.2326	.2293	.2280	.2232	10.
20.	.2077	.2054	.2111	.2099	.2115	.2083	.2053	.2007	.2061	.2057	.2017	.2058	.2005	20.
35.	.1859	.1952	.1891	.1943		.1911	.1876	.1902	.1880	.1867	.1846	.1835	.1764	35.
50.	.1868	.1862	.1841	.1870	.1867	.1828	.1848	.1835	.1809	.1792	.1785	.1798	.1762	50.
65.	.1845	.1844	.1830	.1849	.1834	.1820	.1841	.1785		.1768	.1779	.1806	.1762	65.
90.	.1799	.1836	.1803	.1815	.1796	.1796	.1781	.1734	.1741	.1754	.1775	.1774	.1768	90.
115.	.1828	.1844	.1841	.1802	.1796	.1853	.1819	.1715		.1765	.1762	.1781	.1737	115.
130.	.1867	.1879	.1875	.1848	.1835	.1883	.1851	.1800	.1783	.1794	.1789	.1805	.1757	130.
145.	.1916	.2004	.1947	.1960		.1977	.2006	.1937	.1887	.1904	.1900	.1888	.1809	145.
160.	.2185	.2167	.2227	.2205	.2184	.2196	.2275	.2231	.2177	.2177	.2143	.2171	.2108	160.
170.		.2547	.2518	.2538	.2581	.2578	.2606	.2632	.2611	.2561	.2490	.2500	.2422	170.
180.	.2954	.2954	.2926	.2970	.2943	.2922	.2981	.3019	.2972	.2952	.2893	.2847	.2827	180.

TABLE II. - CONTINUED

(A) MACH = 1.70, BETA = -.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 2.35 DEG							
0.		.2444	.2309	.2388	.2333	.2350	.2309	.2301	.2314	.2336	.2330	.2330	.2382	.2405
10.				.2189	.2196	.2181	.2155	.2094	.2116	.2134	.2125	.2145	.2181	.2182
20.			.2043	.1995	.2015	.1972	.1898	.1876	.1918	.1921	.1948	.1915	.1953	.1952
35.	.1852	.1957	.1883	.1911	.1834	.1849	.1780	.1809	.1799	.1799	.1812	.1817	.1804	.1796
50.				.1913	.1857		.1767	.1797	.1785	.1751	.1743	.1757	.1757	.1752
65.		.1947	.1624	.1915	.1851	.1773	.1760	.1789	.1774	.1748	.1741	.1726	.1731	.1723
90.	.1909	.1897	.1673	.1879	.1788	.1743	.1737	.1791	.1793		.1765	.1765	.1728	.1777
115.		.1894	.1829	.1810	.1795	.1756	.1786	.1818	.1781	.1760	.1789	.1805	.1805	.1784
130.				.1853	.1852		.1824	.1861	.1847	.1815	.1852	.1877	.1875	.1818
145.	.1906	.1983	.1935	.1936	.1862	.1943	.1900	.1956	.1933	.1935	.1931	.2015	.1944	.1922
160.			.2220	.2175	.2169	.2226	.2190	.2171	.2238	.2173	.2217	.2211	.2301	.2261
170.				.2632	.2632	.2665	.2679	.2660	.2668	.2618	.2650	.2673	.2710	.2700
180.		.3160	.2991	.3072	.3015	.3030	.3071	.3076	.3081	.3134	.3121	.3119	.3133	.3131
							FOR ALPHA = 3.35 DEG							
0.		.2286	.2149	.2240	.2187	.2188	.2139	.2144	.2179	.2189	.2194	.2193	.2243	.2229
10.				.2067	.2082	.2056	.2023	.2007	.2005	.2026	.2026	.2045	.2065	.2057
20.			.1982	.1926	.1949	.1900	.1812	.1826	.1850	.1858	.1879	.1854	.1885	.1886
35.	.1828	.1920	.1832	.1872	.1785	.1797	.1725	.1768	.1755	.1776	.1770	.1803	.1755	.1764
50.				.1882	.1839		.1733	.1749	.1749	.1730	.1721	.1737	.1727	.1731
65.		.1915	.1605	.1908	.1829	.1760	.1738	.1757	.1734	.1720	.1717	.1708	.1715	.1725
90.	.1905	.1879	.1753	.1836	.1780	.1736	.1730	.1781	.1776		.1773	.1745	.1721	.1761
115.		.1893	.1879	.1788	.1778	.1748	.1792	.1813	.1777	.1769	.1806	.1807	.1805	.1780
130.				.1853	.1842		.1837	.1866	.1857	.1810	.1849	.1888	.1887	.1837
145.	.1942	.2031	.1977	.1954	.1871	.1965	.1942	.1997	.1966	.1958	.1968	.2054	.2017	.1986
160.			.2289	.2239	.2235	.2256	.2248	.2252	.2305	.2261	.2313	.2313	.2375	.2322
170.				.2765	.2773	.2792	.2821	.2785	.2805	.2764	.2810	.2837	.2858	.2820
180.		.3374	.3195	.3262	.3199	.3220	.3249	.3277	.3284	.3331	.3324	.3313	.3301	.3323
							FOR ALPHA = 5.35 DEG							
0.		.1984	.1894	.1949	.1880	.1873	.1845	.1914	.1902	.1911	.1954	.1937	.1944	.1934
10.				.1859	.1845	.1785	.1802	.1819	.1810	.1831	.1843	.1856	.1825	.1840
20.			.1813	.1803	.1772	.1708	.1585	.1701	.1726	.1740	.1749	.1734	.1729	.1759
35.	.1744	.1855	.1605	.1813	.1682	.1667	.1654	.1665	.1689	.1697	.1689	.1692	.1675	.1699
50.				.1832	.1747		.1681	.1670	.1683	.1676	.1661	.1660	.1659	.1681
65.		.1824	.1552	.1828	.1762	.1681	.1701	.1674	.1693	.1683	.1681	.1652	.1684	.1679
90.	.1858	.1824	.1736	.1776	.1744	.1684	.1712	.1711	.1729		.1719	.1711	.1671	.1729
115.		.1893	.1920	.1742	.1762	.1715	.1781	.1782	.1745	.1767	.1794	.1774	.1779	.1753
130.				.1838	.1828		.1835	.1866	.1839	.1837	.1874	.1889	.1875	.1842
145.	.1981	.2117	.2045	.1971	.1900	.1998	.1994	.2024	.1986	.2007	.2069	.2094	.2049	.2020
160.			.2413	.2358	.2337	.2386	.2416	.2405	.2424	.2418	.2484	.2487	.2510	.2476
170.				.3042	.3041	.3063	.3098	.3096	.3066	.3071	.3081	.3152	.3141	.3089
180.		.3813	.3613	.3666	.3601	.3604	.3642	.3692	.3735	.3747	.3755	.3730	.3773	.3750
							FOR ALPHA = 10.35 DEG							
0.		.1415	.1215	.1403	.1336	.1359	.1324	.1351	.1353	.1351	.1345	.1321	.1332	.1332
10.				.1403	.1379	.1353	.1367	.1359	.1336	.1344	.1349	.1325	.1341	.1347
20.			.1280	.1435	.1410	.1384	.1364	.1359	.1352	.1349	.1372	.1361	.1349	.1364
35.	.1355	.1439	.1346	.1486	.1389	.1423	.1399	.1398	.1393	.1399	.1384	.1377	.1381	.1395
50.				.1509	.1483		.1469	.1441	.1433	.1431	.1425	.1399	.1417	.1447
65.		.1488	.1342	.1513	.1523	.1492	.1525	.1495	.1488	.1477	.1484	.1441	.1448	.1439
90.	.1626	.1523	.1512	.1541	.1523	.1497	.1548	.1576	.1606		.1575	.1522	.1514	.1584
115.		.1667	.1681	.1612	.1598	.1588	.1665	.1720	.1709	.1676	.1650	.1630	.1641	.1630
130.				.1760	.1757		.1775	.1841	.1871	.1841	.1803	.1795	.1788	.1776
145.	.2074	.2120	.2055	.2043	.1990	.2071	.2052	.2126	.2139	.2174	.2162	.2133	.2104	.2099
160.			.2670	.2677	.2720	.2767	.2754	.2803	.2879	.2872	.2906	.2829	.2859	.2889
170.				.3844	.3861	.3896	.3895	.3940	.3945	.3951	.3934	.3940	.3882	.3893
180.		.4908	.4725	.4776	.4732	.4759	.4787	.4869	.4906	.4943	.4937	.4907	.4895	.4892
							FOR ALPHA = 15.36 DEG							
0.		.1109	.0828	.1000	.0903	.0917	.0907	.0926	.0936	.0925	.0913	.0861	.0877	.0905
10.				.0972	.0937	.0896	.0921	.0918	.0917	.0898	.0859	.0862	.0911	.0898
20.			.0751	.0983	.0987	.0942	.0905	.0928	.0938	.0900	.0867	.0878	.0912	.0921
35.	.0952	.1064	.0986	.1039	.1005	.1028	.0965	.0982	.0994	.0955	.0910	.0911	.0963	.0952
50.				.1074	.1115		.1075	.1074	.1067	.1018	.0973	.0953	.1040	.1012
65.		.1159	.1133	.1139	.1188	.1184	.1180	.1178	.1176	.1094	.1057	.1037	.1130	.1111
90.	.1307	.1203	.1223	.1233	.1249	.1246	.1264	.1304	.1333		.1240	.1209	.1212	.1255
115.		.1457	.1432	.1419	.1474	.1429	.1484	.1531	.1498	.1456	.1491	.1454	.1439	.1400
130.				.1690	.1668		.1663	.1727	.1766	.1739	.1712	.1756	.1685	.1618
145.	.2073	.2199	.2222	.2111	.2094	.2185	.2159	.2162	.2210	.2234	.2245	.2285	.2230	.2120
160.			.3163	.3239	.3186	.3252	.3249	.3283	.3348	.3298	.3355	.3313	.3377	.3325
170.				.4903	.4828	.4880	.4884	.4878	.4865	.4815	.4808	.4869	.4839	.4774
180.		.6172	.6105	.6189	.6046	.6087	.6127	.6188	.6195	.6231	.6238	.6212	.6219	.6218
							FOR ALPHA = 20.35 DEG							
0.		.0768	.0698	.0741	.0633	.0634	.0636	.0664	.0659	.0662	.0644	.0631	.0631	.0631
10.				.0609	.0564	.0564	.0585	.0585	.0580	.0572	.0546	.0551	.0584	.0549
20.			.0366	.0485	.0480	.0490	.0489	.0488	.0483	.0479	.0475	.0475	.0510	.0479
35.	.0400	.0549	.0470	.0501	.0430	.0493	.0503	.0507	.0518	.0501	.0472	.0483	.0494	.0497
50.				.0588	.0532		.0542	.0595	.0603	.0578	.0569	.0555	.0519	.0564
65.		.0631	.0662	.0697	.0669	.0699	.0734	.0728	.0746	.0705	.0697	.0675	.0645	.0691
90.	.0888	.0753	.0762	.0805	.0815	.0806	.0831	.0871	.0924		.0876	.0866	.0869	.0901
115.		.1738	.1164	.1142	.1148	.1156	.1193	.1210	.1211	.1194	.1193	.1184	.1193	.1194
130.				.1528	.1529		.1472	.1516	.1561	.1577	.1550	.1566	.1571	.1540
145.	.2211	.2306	.2245	.2195	.2202	.2336	.2271	.2223	.2242	.2300	.2344	.2379	.2344	.2326
160.			.3696	.3745	.3720	.3792	.3807	.3765	.3864	.3832	.3931	.3874	.3873	.3947
170.				.5934	.5868	.5925	.5913	.5885	.5854	.5813	.5844	.5851	.5803	.5791
180.		.7630	.7602	.7539	.7419	.7450	.7531	.7570	.7584	.7580	.7606	.7596	.7504	.7556

TABLE II. - CONTINUED

(A) MACH = 1.70, BETA = -.01 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.35 DEG								
0.	.2399	.2413	.2411	.2444	.2401	.2372	.2405	.2385	.2363	.2387	.2372	.2369	.2313	0.
10.		.2217	.2204	.2220	.2232	.2200	.2180	.2152	.2152	.2204	.2156	.2163	.2131	10.
20.	.2005	.1985	.2033	.2016	.2041	.1993	.1956	.1925	.1984	.1971	.1926	.1981	.1945	20.
35.	.1831	.1902	.1848	.1914		.1861	.1828	.1860	.1835	.1813	.1797	.1791	.1727	35.
50.	.1839	.1837	.1821	.1864	.1828	.1796	.1820	.1800	.1780	.1771	.1749	.1763	.1732	50.
65.	.1823	.1818	.1820	.1840	.1807	.1793	.1821	.1764		.1762	.1761	.1791	.1744	65.
90.	.1788	.1815	.1795	.1811	.1794	.1789	.1775	.1737	.1739	.1749	.1771	.1761	.1766	90.
115.	.1828	.1835	.1838	.1806	.1801	.1851	.1822	.1712		.1770	.1762	.1783	.1753	115.
130.	.1882	.1890	.1889	.1866	.1843	.1891	.1875	.1798	.1804	.1807	.1794	.1807	.1784	130.
145.	.1945	.2031	.1983	.1992		.2009	.2030	.1971	.1930	.1939	.1921	.1925	.1837	145.
160.	.2257	.2239	.2317	.2282	.2255	.2257	.2327	.2300	.2249	.2237	.2214	.2251	.2188	160.
170.		.2681	.2661	.2676	.2719	.2715	.2718	.2769	.2720	.2689	.2616	.2635	.2568	170.
180.	.3136	.3138	.3120	.3147	.3115	.3103	.3159	.3212	.3164	.3139	.3079	.3042	.3018	180.
						FOR ALPHA = 3.35 DEG								
0.	.2235	.2259	.2248	.2278	.2227	.2224	.2259	.2223	.2210	.2226	.2216	.2183	.2184	0.
10.		.2092	.2079	.2108	.2119	.2077	.2063	.2031	.2058	.2095	.2036	.2050	.2005	10.
20.	.1943	.1910	.1953	.1945	.1957	.1889	.1859	.1885	.1913	.1890	.1888	.1901	.1869	20.
35.	.1807	.1858	.1801	.1881		.1789	.1786	.1820	.1783	.1765	.1769	.1751	.1688	35.
50.	.1814	.1820	.1790	.1833	.1794	.1757	.1793	.1758	.1744	.1735	.1723	.1746	.1712	50.
65.	.1797	.1823	.1799	.1818	.1781	.1776	.1801	.1746		.1737	.1737	.1773	.1723	65.
90.	.1769	.1811	.1787	.1806	.1784	.1788	.1758	.1723	.1732	.1740	.1756	.1749	.1754	90.
115.	.1828	.1830	.1833	.1812	.1810	.1858	.1799	.1708		.1764	.1749	.1782	.1741	115.
130.	.1890	.1906	.1891	.1864	.1857	.1906	.1863	.1803	.1823	.1827	.1808	.1815	.1786	130.
145.	.1975	.2072	.2013	.2014		.2037	.2035	.1994	.1949	.1962	.1957	.1958	.1868	145.
160.	.2334	.2313	.2380	.2362	.2334	.2336	.2418	.2381	.2328	.2323	.2293	.2331	.2269	160.
170.		.2815	.2782	.2821	.2839	.2827	.2857	.2911	.2861	.2822	.2765	.2767	.2691	170.
180.	.3329	.3331	.3310	.3354	.3317	.3310	.3334	.3403	.3358	.3331	.3271	.3237	.3197	180.
						FOR ALPHA = 5.35 DEG								
0.	.1944	.1978	.1956	.1989	.1958	.1938	.1951	.1928	.1925	.1928	.1914	.1935	.1882	0.
10.		.1884	.1863	.1885	.1879	.1818	.1814	.1859	.1861	.1855	.1841	.1825	.1787	10.
20.	.1799	.1766	.1814	.1808	.1758	.1692	.1733	.1759	.1756	.1743	.1736	.1757	.1709	20.
35.	.1711	.1759	.1723	.1771		.1688	.1715	.1696	.1675	.1679	.1682	.1669	.1595	35.
50.	.1757	.1753	.1747	.1744	.1684	.1705	.1707	.1684	.1668	.1668	.1652	.1685	.1650	50.
65.	.1763	.1763	.1762	.1757	.1701	.1735	.1726	.1693		.1689	.1689	.1711	.1670	65.
90.	.1740	.1778	.1765	.1773	.1746	.1740	.1706	.1712	.1689	.1701	.1714	.1721	.1710	90.
115.	.1800	.1804	.1808	.1811	.1813	.1814	.1751	.1719		.1731	.1727	.1754	.1737	115.
130.	.1898	.1911	.1882	.1877	.1875	.1904	.1831	.1806	.1836	.1828	.1799	.1807	.1785	130.
145.	.2022	.2131	.2050	.2055		.2089	.2051	.2007	.2001	.2030	.2017	.2001	.1918	145.
160.	.2473	.2465	.2527	.2509	.2471	.2486	.2556	.2471	.2458	.2477	.2445	.2485	.2419	160.
170.		.3083	.3068	.3081	.3103	.3121	.3155	.3177	.3115	.3098	.3048	.3049	.2975	170.
180.	.3747	.3744	.3734	.3763	.3716	.3699	.3748	.3799	.3761	.3720	.3663	.3643	.3607	180.
						FOR ALPHA = 10.35 DEG								
0.	.1349	.1378	.1353	.1374	.1343	.1310	.1347	.1336	.1343	.1378	.1390	.1403	.1351	0.
10.		.1341	.1321	.1383	.1371	.1354	.1368	.1348	.1337	.1389	.1364	.1364	.1383	10.
20.	.1358	.1309	.1365	.1390	.1386	.1342	.1383	.1362	.1363	.1367	.1335	.1413	.1452	20.
35.	.1383	.1376	.1373	.1420		.1389	.1404	.1426	.1386	.1392	.1393	.1458	.1398	35.
50.	.1486	.1442	.1460	.1446	.1417	.1429	.1429	.1432	.1441	.1430	.1457	.1586	.1499	50.
65.	.1544	.1492	.1514	.1505	.1480	.1496	.1497	.1475		.1468	.1541	.1633	.1567	65.
90.	.1593	.1622	.1587	.1543	.1520	.1542	.1557	.1538	.1522	.1543	.1563	.1593	.1605	90.
115.	.1710	.1734	.1714	.1641	.1637	.1671	.1685	.1629		.1617	.1642	.1693	.1660	115.
130.	.1859	.1876	.1854	.1791	.1766	.1803	.1825	.1807	.1785	.1772	.1777	.1785	.1754	130.
145.	.2137	.2226	.2167	.2161		.2138	.2137	.2110	.2126	.2139	.2114	.2083	.2012	145.
160.	.2932	.2859	.2921	.2953	.2888	.2840	.2840	.2860	.2918	.2873	.2860	.2865	.2794	160.
170.		.3880	.3809	.3866	.3945	.3881	.3860	.3904	.3825	.3837	.3822	.3843	.3745	170.
180.	.4924	.4905	.4861	.4889	.4890	.4909	.4943	.4827	.4808	.4827	.4829	.4820	.4736	180.
						FOR ALPHA = 15.36 DEG								
0.	.0914	.0959	.0961	.0990	.0968	.0941	.0977	.0999	.1035	.1036	.0970	.0939	.0907	0.
10.		.0936	.0951	.0968	.0971	.0957	.0999	.1052	.0991	.0979	.0977	.0986	.0925	10.
20.	.0935	.0926	.0970	.0983	.0990	.0949	.1062	.1085	.1007	.0988	.0995	.1003	.0955	20.
35.	.0985	.1000	.0988	.1033		.1038	.1148	.1126	.1078	.1083	.1058	.1039	.0972	35.
50.	.1117	.1117	.1064	.1081	.1080	.1103	.1168	.1165	.1105	.1122	.1118	.1142	.1108	50.
65.	.1179	.1211	.1177	.1164	.1155	.1193	.1308	.1278		.1156	.1185	.1224	.1216	65.
90.	.1262	.1303	.1280	.1283	.1257	.1265	.1341	.1346	.1292	.1236	.1260	.1253	.1243	90.
115.	.1448	.1448	.1452	.1461	.1453	.1484	.1519	.1450		.1438	.1374	.1422	.1401	115.
130.	.1685	.1691	.1691	.1711	.1671	.1688	.1738	.1730	.1722	.1723	.1628	.1622	.1594	130.
145.	.2145	.2246	.2193	.2223		.2248	.2241	.2253	.2219	.2242	.2232	.2158	.2066	145.
160.	.3316	.3277	.3369	.3351	.3350	.3320	.3327	.3337	.3378	.3396	.3360	.3411	.3257	160.
170.		.4739	.4694	.4768	.4794	.4763	.4752	.4784	.4726	.4751	.4704	.4778	.4675	170.
180.	.6190	.6131	.6153	.6269	.6195	.6124	.6151	.6119	.6116	.6125	.6131	.6126	.6048	180.
						FOR ALPHA = 20.35 DEG								
0.	.0663	.0735	.0721	.0691	.0642	.0645	.0681	.0661	.0656	.0667	.0683	.0690	.0681	0.
10.		.0665	.0605	.0602	.0595	.0599	.0600	.0583	.0579	.0591	.0578	.0587	.0493	10.
20.	.0569	.0598	.0522	.0519	.0529	.0538	.0556	.0550	.0534	.0513	.0509	.0501	.0403	20.
35.	.0588	.0618	.0604	.0527		.0542	.0589	.0582	.0545	.0545	.0549	.0481	.0371	35.
50.	.0700	.0755	.0626	.0636	.0646	.0633	.0613	.0600	.0599	.0610	.0618	.0633	.0521	50.
65.	.0840	.0913	.0773	.0772	.0791	.0801	.0814	.0785		.0736	.0742	.0781	.0670	65.
90.	.0967	.1034	.1016	.0964	.0903	.0902	.0904	.0896	.0898	.0896	.0915	.0949	.0931	90.
115.	.1251	.1254	.1221	.1291	.1199	.1208	.1227	.1170		.1138	.1165	.1208	.1265	115.
130.	.1619	.1653	.1569	.1676	.1595	.1550	.1539	.1555	.1547	.1540	.1532	.1515	.1521	130.
145.	.2332	.2430	.2375	.2400		.2377	.2332	.2316	.2324	.2327	.2307	.2294	.2217	145.
160.	.3935	.3879	.3968	.3959	.3962	.3950	.3890	.3848	.3922	.3898	.3884	.3916	.3823	160.
170.		.5753	.5733	.5779	.5788	.5824	.5756	.5767	.5721	.5761	.5702	.5704	.5624	170.
180.	.7587	.7593	.7612	.7604	.7560	.7543	.7618	.7536	.7500	.7517	.7508	.7469	.7386	180.

TABLE II. - CONTINUED

(B) MACH = 1.70, BETA = 1.01 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.65 DEG								
0.		.3666	.3510	.3608	.3544	.3567	.3621	.3652	.3628	.3642	.3604	.3651	.3629	.3611
10.				.2844	.2836	.2868	.2937	.2911	.2870	.2853	.2850	.2863	.2840	.2836
20.			.2168	.2144	.2112	.2239	.2211	.2196	.2227	.2216	.2231	.2179	.2224	.2225
35.	.1762	.1875	.1865	.1780	.1697	.1875	.1816	.1835	.1858	.1835	.1827	.1845	.1822	.1795
50.				.1655	.1655		.1693	.1712	.1730	.1690	.1660	.1677	.1676	.1648
65.		.1671	.1726	.1577	.1599	.1639	.1640	.1645	.1645	.1619	.1607	.1583	.1609	.1580
90.	.1638	.1601	.1417	.1573	.1557	.1568	.1555	.1573	.1620		.1556	.1542	.1533	.1580
115.		.1640	.1358	.1588	.1545	.1537	.1528	.1519	.1562	.1555	.1525	.1490	.1520	.1518
130.				.1624	.1551		.1523	.1505	.1567	.1552	.1522	.1505	.1502	.1500
145.	.1496	.1648	.1382	.1600	.1491	.1557	.1510	.1504	.1556	.1572	.1531	.1525	.1491	.1488
160.			.1596	.1597	.1614	.1609	.1566	.1539	.1581	.1608	.1591	.1539	.1544	.1561
170.				.1700	.1735	.1723	.1730	.1697	.1679	.1713	.1710	.1681	.1685	.1709
180.		.1960	.1862	.1925	.1887	.1904	.1895	.1936	.1910	.1930	.1942	.1931	.1935	.1944
190.				.1941	.1923	.1905	.1897	.1910	.1899	.1908	.1931	.1912	.1919	.1961
200.			.1858	.1896	.1870	.1852	.1801	.1800	.1829	.1836	.1858	.1802	.1865	.1895
215.	.1758	.1923	.1703	.1893	.1773	.1817	.1774	.1782	.1775	.1803	.1737	.1793	.1832	.1830
230.				.1917	.1832		.1810	.1792	.1793	.1788	.1774	.1775	.1841	.1849
245.		.1905	.1715	.1899	.1853	.1824	.1834	.1813	.1805	.1804	.1796	.1788	.1843	.1857
270.	.1967	.1902	.1788	.1940	.1914	.1875	.1878	.1880	.1890		.1887	.1870	.1869	.1911
295.		.2006	.2028	.2000	.2028	.1982	.1987	.1960	.1941	.1995	.2002	.1958	.1975	.1973
310.				.2092	.2116		.2063	.2063	.2052	.2091	.2076	.2069	.2079	.2053
325.	.2187	.2275	.2273	.2247	.2194	.2274	.2226	.2252	.2224	.2257	.2293	.2274	.2259	.2246
340.			.2658	.2657	.2652	.2691	.2647	.2632	.2669	.2624	.2731	.2647	.2688	.2690
350.				.3254	.3259	.3287	.3289	.3270	.3248	.3209	.3233	.3285	.3231	.3239
						FOR ALPHA = -2.65 DEG								
0.		.3276	.3127	.3212	.3163	.3188	.3214	.3241	.3212	.3229	.3233	.3212	.3225	.3219
10.				.2595	.2594	.2626	.2685	.2630	.2610	.2600	.2578	.2572	.2561	.2595
20.			.2080	.2049	.2038	.2102	.2108	.2070	.2118	.2098	.2098	.2021	.2082	.2096
35.	.1752	.1847	.1849	.1775	.1714	.1865	.1809	.1822	.1817	.1803	.1797	.1790	.1775	.1760
50.				.1694	.1697		.1719	.1724	.1733	.1680	.1670	.1671	.1681	.1649
65.		.1712	.1659	.1636	.1645	.1686	.1681	.1667	.1669	.1644	.1628	.1609	.1624	.1596
90.	.1677	.1668	.1427	.1655	.1600	.1616	.1595	.1610	.1658		.1602	.1584	.1564	.1612
115.		.1700	.1315	.1670	.1588	.1576	.1572	.1580	.1616	.1628	.1579	.1530	.1571	.1585
130.				.1676	.1603		.1581	.1589	.1630	.1630	.1582	.1558	.1575	.1571
145.	.1532	.1675	.1475	.1668	.1565	.1621	.1577	.1598	.1631	.1650	.1624	.1608	.1591	.1585
160.			.1719	.1703	.1732	.1716	.1681	.1673	.1706	.1719	.1738	.1672	.1595	.1686
170.				.1892	.1935	.1919	.1932	.1901	.1891	.1898	.1905	.1909	.1899	.1896
180.		.2240	.2144	.2219	.2175	.2195	.2187	.2238	.2237	.2223	.2225	.2224	.2234	.2212
190.				.2142	.2162	.2155	.2165	.2161	.2157	.2157	.2198	.2215	.2156	.2157
200.			.2046	.2016	.2035	.2025	.1978	.1986	.2006	.1992	.2019	.1973	.2011	.2041
215.	.1861	.1971	.1901	.1954	.1879	.1923	.1897	.1917	.1904	.1903	.1900	.1917	.1909	.1944
230.				.1958	.1917		.1900	.1903	.1890	.1874	.1890	.1863	.1905	.1916
245.		.1983	.1711	.1930	.1902	.1887	.1900	.1902	.1884	.1856	.1850	.1838	.1898	.1912
270.	.2034	.1991	.1839	.1977	.1942	.1927	.1917	.1919	.1933		.1948	.1914	.1903	.1967
295.		.2083	.2021	.2008	.2030	.1998	.1997	.1972	.1959	.1938	.2015	.1972	.1981	.1979
310.				.2079	.2110		.2060	.2053	.2050	.2027	.2070	.2065	.2053	.2038
325.	.2155	.2260	.2254	.2201	.2148	.2211	.2179	.2203	.2164	.2156	.2224	.2210	.2171	.2170
340.			.2550	.2514	.2516	.2532	.2502	.2494	.2505	.2452	.2563	.2460	.2503	.2531
350.				.2957	.2969	.2967	.3002	.2994	.2933	.2933	.2937	.2955	.2920	.2971
						FOR ALPHA = -1.65 DEG								
0.		.3096	.2947	.3025	.2981	.2999	.3018	.3047	.3011	.3018	.3017	.3009	.3033	.3027
10.				.2476	.2480	.2501	.2549	.2501	.2474	.2472	.2440	.2449	.2455	.2462
20.			.2033	.2001	.1991	.2064	.2032	.2002	.2046	.2032	.2026	.1961	.2015	.2036
35.	.1757	.1829	.1820	.1776	.1700	.1844	.1790	.1792	.1796	.1803	.1765	.1759	.1747	.1745
50.				.1693	.1707		.1715	.1710	.1728	.1694	.1644	.1656	.1658	.1640
65.		.1717	.1648	.1639	.1662	.1691	.1687	.1668	.1669	.1634	.1630	.1598	.1615	.1623
90.	.1701	.1699	.1389	.1687	.1613	.1637	.1606	.1623	.1655		.1629	.1601	.1593	.1630
115.		.1724	.1457	.1668	.1602	.1607	.1592	.1584	.1621	.1640	.1635	.1574	.1623	.1643
130.				.1686	.1626		.1602	.1597	.1635	.1623	.1682	.1604	.1638	.1668
145.	.1565	.1691	.1552	.1678	.1597	.1646	.1617	.1620	.1658	.1639	.1692	.1677	.1645	.1731
160.			.1768	.1752	.1772	.1772	.1753	.1730	.1768	.1782	.1843	.1762	.1771	.1781
170.				.2000	.2026	.2031	.2039	.2027	.2033	.2014	.2035	.2048	.2038	.2056
180.		.2400	.2284	.2363	.2323	.2347	.2345	.2398	.2400	.2404	.2399	.2394	.2409	.2391
190.				.2256	.2260	.2285	.2295	.2294	.2293	.2291	.2265	.2312	.2274	.2280
200.			.2103	.2080	.2087	.2100	.2075	.2067	.2089	.2081	.2101	.2051	.2079	.2120
215.	.1923	.2019	.1951	.1982	.1895	.1986	.1953	.1970	.1943	.1962	.1957	.1968	.1960	.1993
230.				.1961	.1917		.1933	.1932	.1916	.1906	.1906	.1902	.1921	.1950
245.		.2036	.1830	.1942	.1909	.1910	.1938	.1915	.1897	.1907	.1881	.1874	.1903	.1944
270.	.2060	.2033	.1784	.2011	.1949	.1929	.1945	.1940	.1940		.1928	.1915	.1904	.1970
295.		.2093	.2042	.2034	.2041	.2000	.2003	.1988	.1957	.1951	.1985	.1963	.1968	.1941
310.				.2104	.2109		.2039	.2036	.2034	.1992	.2028	.2018	.2014	.2006
325.	.2137	.2232	.2248	.2196	.2138	.2180	.2133	.2173	.2134	.2100	.2160	.2140	.2115	.2142
340.			.2506	.2440	.2460	.2454	.2407	.2404	.2409	.2371	.2423	.2361	.2412	.2442
350.				.2830	.2843	.2823	.2838	.2831	.2784	.2762	.2746	.2803	.2811	.2830

TABLE II. - CONTINUED

(8) MACH = 1.70, BETA = 1.01 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = -4.65 DEG								
0.	.3645	.3664	.3668	.3725	.3675	.3647	.3694	.3648	.3659	.3651	.3634	.3618	.3587	0.
10.		.2865	.2860	.2922	.2953	.2878	.2883	.2914	.2857	.2877	.2838	.2859	.2796	10.
20.	.2250	.2218	.2283	.2312	.2280	.2250	.2261	.2249	.2266	.2256	.2231	.2256	.2195	20.
35.	.1913	.1908	.1845	.1862		.1877	.1852	.1855	.1857	.1864	.1850	.1817	.1741	35.
50.	.1716	.1725	.1696	.1688	.1687	.1672	.1679	.1686	.1691	.1675	.1688	.1719	.1632	50.
65.	.1652	.1652	.1631	.1623	.1592	.1609	.1621	.1603		.1645	.1628	.1648	.1603	65.
90.	.1585	.1612	.1582	.1596	.1522	.1524	.1546	.1555	.1537	.1536	.1551	.1538	.1545	90.
115.	.1576	.1591	.1593	.1600	.1519	.1519	.1532	.1504		.1505	.1488	.1523	.1503	115.
130.	.1576	.1593	.1603	.1603	.1513	.1506	.1510	.1508	.1527	.1504	.1463	.1497	.1484	130.
145.	.1544	.1625	.1600	.1648		.1529	.1530	.1540	.1537	.1527	.1502	.1487	.1419	145.
160.	.1648	.1637	.1677	.1680	.1674	.1584	.1586	.1593	.1606	.1573	.1563	.1583	.1519	160.
170.		.1770	.1754	.1790	.1817	.1760	.1742	.1728	.1702	.1689	.1662	.1673	.1621	170.
180.	.1950	.1998	.2022	.2015	.1989	.1975	.1964	.1932	.1922	.1920	.1904	.1895	.1859	180.
190.		.1980	.1959	.2027	.2024	.1971	.1981	.1985	.1975	.1936	.1868	.1887	.1852	190.
200.	.1909	.1875	.1909	.1923	.1958	.1930	.1942	.1934	.1903	.1837	.1795	.1822	.1760	200.
215.	.1828	.1869	.1826	.1892		.1900	.1911	.1914	.1815	.1799	.1772	.1763	.1682	215.
230.	.1884	.1854	.1848	.1879	.1873	.1895	.1910	.1864	.1803	.1799	.1773	.1809	.1763	230.
245.	.1895	.1878	.1870	.1875	.1875	.1916	.1952	.1855		.1804	.1808	.1852	.1809	245.
270.	.1917	.1948	.1931	.1923	.1891	.1911	.1937	.1915	.1846	.1853	.1908	.1906	.1883	270.
295.	.2018	.2019	.2012	.2016	.1985	.2039	.2039	.1982		.1945	.1940	.1993	.2015	295.
310.	.2114	.2102	.2099	.2115	.2111	.2130	.2129	.2093	.2094	.2058	.2034	.2056	.2031	310.
325.	.2227	.2331	.2263	.2317		.2346	.2338	.2301	.2300	.2300	.2257	.2236	.2149	325.
340.	.2729	.2697	.2722	.2762	.2759	.2743	.2766	.2771	.2772	.2717	.2703	.2738	.2662	340.
350.		.3275	.3233	.3284	.3339	.3297	.3310	.3352	.3311	.3303	.3214	.3258	.3189	350.
						FOR ALPHA = -2.65 DEG								
0.	.3241	.3271	.3292	.3316	.3268	.3254	.3287	.3244	.3248	.3252	.3242	.3219	.3191	0.
10.		.2614	.2605	.2678	.2665	.2617	.2617	.2653	.2595	.2614	.2556	.2616	.2555	10.
20.	.2134	.2103	.2173	.2204	.2149	.2112	.2155	.2125	.2124	.2128	.2082	.2137	.2079	20.
35.	.1789	.1869	.1824	.1845		.1845	.1812	.1821	.1808	.1826	.1800	.1781	.1682	35.
50.	.1722	.1725	.1724	.1695	.1698	.1694	.1692	.1702	.1685	.1682	.1671	.1689	.1650	50.
65.	.1671	.1683	.1671	.1648	.1636	.1637	.1657	.1623		.1626	.1656	.1695	.1618	65.
90.	.1626	.1647	.1615	.1629	.1579	.1548	.1579	.1574	.1569	.1587	.1595	.1590	.1579	90.
115.	.1636	.1608	.1611	.1639	.1587	.1562	.1570	.1551		.1550	.1554	.1575	.1547	115.
130.	.1653	.1616	.1616	.1660	.1607	.1565	.1568	.1561	.1558	.1566	.1538	.1550	.1526	130.
145.	.1619	.1676	.1623	.1725		.1610	.1607	.1611	.1607	.1615	.1587	.1554	.1482	145.
160.	.1728	.1726	.1802	.1813	.1799	.1731	.1709	.1713	.1719	.1724	.1682	.1721	.1654	160.
170.		.1944	.1953	.1989	.2005	.1987	.1944	.1935	.1911	.1926	.1853	.1875	.1815	170.
180.	.2231	.2277	.2266	.2327	.2296	.2261	.2309	.2249	.2213	.2227	.2223	.2185	.2133	180.
190.		.2232	.2202	.2199	.2239	.2248	.2259	.2231	.2220	.2216	.2125	.2120	.2071	190.
200.	.2077	.2033	.2086	.2070	.2078	.2097	.2127	.2114	.2111	.2032	.1972	.1993	.1940	200.
215.	.1960	.1986	.1919	.1980		.1999	.2011	.2027	.1962	.1913	.1894	.1858	.1800	215.
230.	.1973	.1946	.1924	.1934	.1913	.1936	.1983	.1972	.1881	.1867	.1859	.1883	.1847	230.
245.	.1958	.1939	.1936	.1939	.1910	.1926	.1975	.1950		.1855	.1876	.1911	.1864	245.
270.	.1951	.1985	.1957	.1970	.1941	.1941	.1967	.1948	.1894	.1885	.1923	.1940	.1927	270.
295.	.2021	.2034	.2028	.2027	.2033	.2063	.2060	.1992		.1979	.1961	.2006	.1966	295.
310.	.2105	.2095	.2088	.2098	.2108	.2125	.2131	.2084	.2076	.2061	.2036	.2040	.1994	310.
325.	.2201	.2274	.2190	.2276		.2290	.2283	.2266	.2226	.2247	.2207	.2171	.2080	325.
340.	.2577	.2528	.2581	.2619	.2583	.2580	.2618	.2607	.2576	.2545	.2550	.2569	.2487	340.
350.		.3009	.2974	.3009	.3038	.3020	.3019	.3055	.3011	.3001	.2923	.2976	.2912	350.
						FOR ALPHA = -1.65 DEG								
0.	.3053	.3103	.3093	.3125	.3091	.3061	.3085	.3037	.3067	.3058	.3050	.3035	.2994	0.
10.		.2512	.2494	.2550	.2564	.2485	.2462	.2514	.2472	.2490	.2451	.2481	.2433	10.
20.	.2058	.2049	.2115	.2137	.2071	.2037	.2082	.2052	.2071	.2052	.2015	.2071	.2035	20.
35.	.1766	.1852	.1814	.1826		.1832	.1793	.1797	.1798	.1778	.1769	.1740	.1655	35.
50.	.1718	.1730	.1721	.1696	.1688	.1697	.1687	.1689	.1674	.1677	.1663	.1669	.1632	50.
65.	.1675	.1691	.1679	.1648	.1647	.1646	.1669	.1626		.1632	.1645	.1698	.1629	65.
90.	.1632	.1663	.1625	.1635	.1588	.1562	.1587	.1590	.1573	.1603	.1607	.1605	.1588	90.
115.	.1659	.1638	.1621	.1654	.1597	.1576	.1580	.1563		.1559	.1560	.1588	.1556	115.
130.	.1677	.1644	.1626	.1673	.1637	.1595	.1588	.1588	.1571	.1579	.1565	.1575	.1541	130.
145.	.1660	.1715	.1649	.1732		.1661	.1629	.1639	.1634	.1662	.1629	.1585	.1510	145.
160.	.1819	.1788	.1838	.1872	.1864	.1815	.1776	.1770	.1778	.1784	.1772	.1783	.1727	160.
170.		.2033	.2031	.2079	.2101	.2113	.2074	.2022	.2021	.2028	.1981	.1978	.1921	170.
180.	.2388	.2427	.2420	.2456	.2466	.2431	.2455	.2438	.2385	.2379	.2388	.2358	.2284	180.
190.		.2356	.2320	.2323	.2337	.2385	.2396	.2369	.2343	.2362	.2258	.2243	.2201	190.
200.	.2163	.2130	.2145	.2139	.2164	.2162	.2208	.2185	.2213	.2139	.2066	.2090	.2027	200.
215.	.2007	.2051	.1960	.2015		.2031	.2047	.2072	.2024	.1980	.1949	.1903	.1846	215.
230.	.2012	.1975	.1951	.1971	.1943	.1953	.1991	.2004	.1938	.1890	.1897	.1906	.1878	230.
245.	.1985	.1966	.1959	.1968	.1936	.1942	.1966	.1955		.1864	.1892	.1929	.1888	245.
270.	.1962	.1994	.1961	.1976	.1955	.1957	.1972	.1961	.1912	.1899	.1942	.1935	.1945	270.
295.	.2017	.2032	.2025	.2034	.2021	.2086	.2091	.1992		.1970	.1967	.2004	.1951	295.
310.	.2089	.2090	.2076	.2094	.2100	.2118	.2131	.2075	.2061	.2047	.2026	.2036	.1972	310.
325.	.2153	.2252	.2199	.2250		.2229	.2254	.2225	.2180	.2198	.2165	.2120	.2039	325.
340.	.2500	.2464	.2521	.2528	.2502	.2496	.2538	.2532	.2477	.2441	.2463	.2496	.2419	340.
350.		.2855	.2833	.2860	.2898	.2864	.2882	.2894	.2863	.2864	.2783	.2825	.2766	350.

TABLE II. - CONTINUED

(B) MACH = 1.70, BETA = 1.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -.65 DEG							
0.		.2919	.2784	.2859	.2803	.2822	.2833	.2862	.2824	.2821	.2835	.2835	.2835	.2855
10.				.2383	.2365	.2372	.2412	.2374	.2354	.2339	.2329	.2332	.2339	.2365
20.			.1974	.1976	.1941	.2003	.1963	.1948	.1995	.1961	.1972	.1910	.1966	.1968
35.	.1741	.1813	.1821	.1771	.1710	.1815	.1752	.1779	.1780	.1776	.1745	.1784	.1728	.1723
50.				.1704	.1703		.1706	.1704	.1723	.1691	.1641	.1644	.1661	.1633
65.		.1738	.1675	.1683	.1658	.1691	.1673	.1678	.1678	.1650	.1616	.1632	.1616	.1601
90.	.1720	.1723	.1368	.1715	.1626	.1651	.1616	.1621	.1659		.1629	.1611	.1584	.1616
115.		.1718	.1585	.1666	.1616	.1614	.1605	.1596	.1624	.1658	.1641	.1586	.1595	.1605
130.				.1681	.1638		.1616	.1624	.1651	.1678	.1703	.1614	.1609	.1636
145.	.1587	.1715	.1707	.1688	.1625	.1691	.1653	.1668	.1690	.1732	.1722	.1682	.1652	.1663
160.			.1816	.1822	.1815	.1835	.1813	.1783	.1830	.1857	.1881	.1790	.1807	.1826
170.				.2125	.2127	.2138	.2156	.2125	.2118	.2120	.2144	.2131	.2116	.2118
180.		.2579	.2432	.2517	.2479	.2509	.2508	.2559	.2560	.2582	.2562	.2530	.2566	.2557
190.				.2374	.2376	.2397	.2431	.2417	.2418	.2439	.2401	.2413	.2442	.2412
200.			.2174	.2145	.2153	.2169	.2149	.2151	.2177	.2172	.2192	.2136	.2174	.2191
215.	.1956	.2080	.2002	.2007	.1937	.2019	.1997	.2023	.1998	.1999	.2011	.2019	.2005	.2040
230.				.1981	.1947		.1952	.1962	.1952	.1937	.1916	.1931	.1948	.1992
245.		.2056	.1885	.1967	.1919	.1905	.1937	.1935	.1919	.1931	.1894	.1891	.1925	.1926
270.	.2069	.2067	.1753	.2047	.1965	.1925	.1935	.1952	.1951		.1930	.1920	.1909	.1983
295.		.2105	.2074	.2088	.2060	.1973	.1990	.1986	.1952	.1955	.1970	.1931	.1957	.1945
310.				.2124	.2118		.2020	.2029	.2016	.2001	.2006	.1987	.1996	.1998
325.	.2099	.2205	.2228	.2179	.2133	.2154	.2092	.2114	.2089	.2092	.2110	.2096	.2089	.2117
340.			.2474	.2389	.2408	.2391	.2327	.2323	.2331	.2286	.2320	.2281	.2363	.2376
350.				.2690	.2699	.2698	.2691	.2688	.2645	.2609	.2604	.2663	.2688	.2703
							FOR ALPHA = .35 DEG							
0.		.2746	.2611	.2695	.2633	.2645	.2658	.2679	.2629	.2639	.2662	.2663	.2678	.2677
10.				.2275	.2238	.2267	.2289	.2255	.2234	.2220	.2223	.2219	.2229	.2235
20.			.1948	.1914	.1894	.1947	.1897	.1900	.1916	.1903	.1899	.1856	.1910	.1919
35.	.1719	.1802	.1817	.1743	.1686	.1780	.1723	.1756	.1748	.1748	.1716	.1720	.1711	.1702
50.				.1710	.1692		.1684	.1685	.1708	.1671	.1630	.1638	.1641	.1634
65.		.1749	.1607	.1708	.1667	.1677	.1665	.1659	.1672	.1639	.1611	.1594	.1607	.1633
90.	.1726	.1727	.1391	.1732	.1637	.1648	.1618	.1627	.1663		.1628	.1606	.1577	.1616
115.		.1706	.1626	.1662	.1625	.1629	.1620	.1603	.1623	.1669	.1648	.1598	.1606	.1599
130.				.1672	.1654		.1641	.1622	.1673	.1699	.1677	.1638	.1627	.1643
145.	.1625	.1737	.1724	.1696	.1642	.1732	.1677	.1684	.1714	.1762	.1764	.1712	.1684	.1700
160.			.1879	.1863	.1869	.1907	.1868	.1832	.1890	.1916	.1940	.1874	.1869	.1881
170.				.2219	.2254	.2260	.2274	.2234	.2234	.2237	.2240	.2264	.2220	.2222
180.		.2764	.2603	.2676	.2647	.2667	.2673	.2747	.2724	.2751	.2754	.2715	.2738	.2736
190.				.2498	.2495	.2526	.2563	.2552	.2534	.2542	.2549	.2553	.2529	.2544
200.			.2302	.2218	.2206	.2239	.2233	.2221	.2259	.2249	.2278	.2206	.2252	.2265
215.	.1993	.2129	.2116	.2050	.1976	.2036	.2043	.2062	.2041	.2050	.2055	.2059	.2034	.2075
230.				.1994	.1977		.1982	.1982	.1968	.1970	.1944	.1944	.1977	.2023
245.		.2061	.1929	.1979	.1943	.1913	.1946	.1951	.1931	.1940	.1919	.1936	.1937	.1978
270.	.2073	.2079	.1779	.2054	.1981	.1927	.1928	.1942	.1958		.1936	.1914	.1905	.1982
295.		.2108	.2012	.2112	.2048	.1974	.1978	.1956	.1940	.1937	.1954	.1906	.1942	.1943
310.				.2127	.2103		.2005	.1998	.1993	.1973	.1977	.1952	.1981	.1988
325.	.2062	.2170	.2215	.2158	.2094	.2109	.2067	.2065	.2046	.2044	.2054	.2050	.2047	.2083
340.			.2391	.2330	.2339	.2303	.2265	.2241	.2250	.2191	.2245	.2209	.2287	.2286
350.				.2570	.2571	.2557	.2558	.2559	.2494	.2464	.2472	.2535	.2553	.2569
							FOR ALPHA = 1.35 DEG							
0.		.2571	.2448	.2528	.2469	.2489	.2483	.2495	.2460	.2478	.2500	.2502	.2506	.2514
10.				.2154	.2124	.2154	.2163	.2136	.2123	.2113	.2106	.2124	.2126	.2150
20.			.1909	.1865	.1845	.1892	.1832	.1825	.1856	.1834	.1848	.1800	.1866	.1860
35.	.1703	.1792	.1790	.1727	.1658	.1744	.1688	.1718	.1715	.1701	.1682	.1712	.1693	.1675
50.				.1723	.1684		.1669	.1680	.1692	.1650	.1615	.1625	.1631	.1608
65.		.1765	.1631	.1713	.1655	.1666	.1655	.1656	.1662	.1631	.1600	.1583	.1599	.1586
90.	.1733	.1726	.1417	.1716	.1637	.1640	.1618	.1624	.1674		.1630	.1614	.1579	.1622
115.		.1700	.1632	.1637	.1644	.1635	.1625	.1615	.1637	.1678	.1673	.1629	.1631	.1617
130.				.1647	.1680		.1642	.1642	.1670	.1706	.1704	.1677	.1657	.1660
145.	.1667	.1754	.1724	.1716	.1665	.1762	.1703	.1709	.1735	.1744	.1808	.1774	.1734	.1735
160.			.1935	.1905	.1906	.1957	.1927	.1887	.1941	.1975	.2029	.1959	.1957	.1973
170.				.2323	.2358	.2373	.2397	.2349	.2357	.2354	.2397	.2415	.2352	.2373
180.		.2948	.2797	.2855	.2817	.2832	.2857	.2920	.2914	.2925	.2955	.2922	.2939	.2930
190.				.2656	.2630	.2652	.2689	.2701	.2687	.2682	.2688	.2697	.2674	.2689
200.			.2379	.2306	.2289	.2318	.2315	.2315	.2338	.2331	.2355	.2288	.2341	.2349
215.	.2049	.2145	.2145	.2078	.2031	.2085	.2080	.2111	.2078	.2109	.2068	.2095	.2085	.2122
230.				.2009	.2013		.1997	.1996	.2005	.2006	.1970	.1972	.1994	.2038
245.		.2060	.2008	.1979	.1963	.1931	.1943	.1946	.1945	.1961	.1934	.1909	.1949	.1991
270.	.2075	.2066	.1817	.2065	.1985	.1930	.1921	.1932	.1953		.1926	.1895	.1906	.1972
295.		.2094	.1992	.2100	.2046	.1971	.1978	.1943	.1928	.1938	.1925	.1895	.1936	.1936
310.				.2135	.2071		.1993	.1954	.1952	.1938	.1926	.1934	.1952	.1965
325.	.2033	.2128	.2198	.2147	.2052	.2076	.2026	.2027	.1996	.1988	.2000	.2020	.2016	.2034
340.			.2309	.2254	.2253	.2214	.2180	.2162	.2143	.2107	.2160	.2138	.2195	.2230
350.				.2454	.2449	.2420	.2436	.2418	.2347	.2328	.2354	.2402	.2423	.2458

TABLE II. - CONTINUED

(8) MACH = 1.70, BETA = 1.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.65 DEG								
0.	.2870	.2933	.2907	.2941	.2900	.2869	.2889	.2851	.2877	.2879	.2878	.2851	.2809	0.
10.		.2395	.2387	.2430	.2433	.2357	.2343	.2408	.2341	.2360	.2332	.2361	.2320	10.
20.	.2003	.1980	.2074	.2070	.2014	.1964	.2032	.1999	.1995	.1981	.1954	.2012	.1971	20.
35.	.1756	.1831	.1784	.1794		.1805	.1780	.1772	.1768	.1762	.1745	.1723	.1631	35.
50.	.1723	.1731	.1708	.1679	.1683	.1683	.1695	.1679	.1676	.1659	.1659	.1665	.1610	50.
65.	.1679	.1697	.1682	.1649	.1659	.1651	.1658	.1623		.1635	.1644	.1686	.1634	65.
90.	.1641	.1677	.1640	.1641	.1604	.1570	.1588	.1592	.1576	.1594	.1625	.1611	.1601	90.
115.	.1679	.1646	.1625	.1658	.1619	.1583	.1590	.1565		.1561	.1570	.1603	.1578	115.
130.	.1703	.1661	.1632	.1685	.1653	.1605	.1603	.1596	.1594	.1589	.1592	.1596	.1561	130.
145.	.1703	.1751	.1675	.1741		.1694	.1661	.1665	.1664	.1691	.1664	.1616	.1549	145.
160.	.1874	.1842	.1886	.1892	.1931	.1892	.1847	.1834	.1840	.1842	.1838	.1848	.1786	160.
170.		.2125	.2126	.2171	.2216	.2206	.2180	.2141	.2127	.2148	.2083	.2088	.2028	170.
180.	.2557	.2582	.2576	.2616	.2596	.2609	.2617	.2607	.2575	.2541	.2551	.2536	.2456	180.
190.		.2460	.2437	.2450	.2452	.2456	.2539	.2524	.2484	.2499	.2393	.2379	.2325	190.
200.	.2250	.2203	.2226	.2220	.2240	.2228	.2270	.2286	.2290	.2239	.2148	.2179	.2111	200.
215.	.2052	.2092	.2020	.2071		.2060	.2076	.2121	.2077	.2017	.1999	.1965	.1898	215.
230.	.2039	.2000	.1993	.2007	.1972	.1959	.1996	.2037	.1980	.1910	.1918	.1947	.1898	230.
245.	.2004	.1982	.1972	.1991	.1951	.1951	.1983	.1980		.1882	.1906	.1955	.1901	245.
270.	.1969	.2008	.1969	.1984	.1962	.1969	.1994	.1977	.1912	.1900	.1950	.1943	.1945	270.
295.	.2022	.2031	.2032	.2038	.2022	.2072	.2087	.1990		.1972	.1975	.2007	.1957	295.
310.	.2069	.2071	.2081	.2095	.2073	.2101	.2115	.2060	.2050	.2028	.2003	.2013	.1972	310.
325.	.2123	.2198	.2170	.2216		.2205	.2223	.2195	.2146	.2156	.2135	.2083	.2005	325.
340.	.2408	.2397	.2442	.2439	.2437	.2404	.2456	.2433	.2392	.2356	.2382	.2423	.2349	340.
350.		.2736	.2706	.2738	.2760	.2728	.2749	.2751	.2721	.2709	.2640	.2713	.2637	350.
						FOR ALPHA = .35 DEG								
0.	.2715	.2744	.2739	.2761	.2722	.2693	.2702	.2682	.2703	.2705	.2695	.2672	.2645	0.
10.		.2276	.2265	.2316	.2320	.2233	.2253	.2271	.2231	.2248	.2221	.2253	.2203	10.
20.	.1957	.1927	.2002	.1994	.1935	.1904	.1967	.1934	.1934	.1918	.1902	.1954	.1914	20.
35.	.1741	.1816	.1760	.1760		.1766	.1749	.1745	.1733	.1731	.1725	.1681	.1619	35.
50.	.1708	.1727	.1702	.1670	.1670	.1674	.1669	.1662	.1657	.1649	.1647	.1652	.1598	50.
65.	.1682	.1704	.1678	.1645	.1660	.1655	.1659	.1616		.1631	.1631	.1669	.1624	65.
90.	.1643	.1686	.1641	.1651	.1601	.1573	.1603	.1595	.1581	.1591	.1622	.1611	.1605	90.
115.	.1687	.1653	.1640	.1674	.1620	.1586	.1599	.1571		.1572	.1567	.1619	.1587	115.
130.	.1715	.1683	.1654	.1690	.1674	.1620	.1607	.1607	.1612	.1600	.1595	.1617	.1574	130.
145.	.1725	.1785	.1702	.1758		.1737	.1681	.1699	.1692	.1706	.1694	.1653	.1576	145.
160.	.1952	.1916	.1947	.1941	.1980	.1966	.1906	.1896	.1916	.1899	.1886	.1928	.1849	160.
170.		.2251	.2218	.2272	.2320	.2315	.2290	.2259	.2230	.2262	.2220	.2211	.2136	170.
180.	.2743	.2760	.2737	.2782	.2762	.2769	.2800	.2765	.2752	.2720	.2732	.2709	.2630	180.
190.		.2589	.2558	.2559	.2593	.2577	.2643	.2667	.2615	.2623	.2532	.2504	.2461	190.
200.	.2331	.2286	.2318	.2302	.2304	.2300	.2328	.2354	.2388	.2340	.2226	.2250	.2187	200.
215.	.2095	.2133	.2058	.2121		.2090	.2099	.2141	.2126	.2065	.2033	.2014	.1939	215.
230.	.2064	.2014	.2004	.2031	.2002	.1983	.2014	.2059	.2010	.1942	.1928	.1974	.1934	230.
245.	.2027	.1990	.1966	.1989	.1960	.1961	.1986	.1989		.1899	.1917	.1962	.1919	245.
270.	.1984	.2005	.1971	.1987	.1972	.1980	.1998	.1977	.1920	.1908	.1951	.1943	.1932	270.
295.	.2015	.2018	.2016	.2038	.2020	.2061	.2063	.1982		.1969	.1965	.1988	.1944	295.
310.	.2064	.2050	.2065	.2063	.2051	.2087	.2086	.2027	.2023	.2012	.1977	.1993	.1952	310.
325.	.2093	.2163	.2116	.2172		.2167	.2171	.2144	.2089	.2125	.2083	.2050	.1971	325.
340.	.2330	.2316	.2349	.2347	.2350	.2329	.2372	.2344	.2299	.2268	.2291	.2327	.2269	340.
350.		.2601	.2562	.2598	.2612	.2596	.2602	.2628	.2583	.2583	.2517	.2573	.2489	350.
						FOR ALPHA = 1.35 DEG								
0.	.2548	.2567	.2560	.2588	.2553	.2517	.2532	.2514	.2534	.2538	.2522	.2501	.2489	0.
10.		.2169	.2167	.2210	.2182	.2099	.2129	.2152	.2121	.2140	.2113	.2155	.2073	10.
20.	.1901	.1877	.1940	.1912	.1861	.1842	.1894	.1856	.1849	.1854	.1844	.1911	.1826	20.
35.	.1706	.1797	.1736	.1731		.1733	.1724	.1715	.1699	.1694	.1685	.1655	.1586	35.
50.	.1698	.1722	.1687	.1645	.1658	.1662	.1657	.1651	.1639	.1632	.1623	.1626	.1571	50.
65.	.1677	.1709	.1668	.1632	.1647	.1644	.1658	.1615		.1619	.1629	.1656	.1615	65.
90.	.1636	.1682	.1635	.1640	.1600	.1577	.1603	.1594	.1581	.1589	.1622	.1612	.1604	90.
115.	.1682	.1672	.1647	.1668	.1622	.1592	.1593	.1587		.1570	.1566	.1612	.1592	115.
130.	.1719	.1701	.1667	.1703	.1683	.1626	.1619	.1623	.1625	.1611	.1598	.1629	.1588	130.
145.	.1762	.1823	.1718	.1790		.1756	.1707	.1708	.1713	.1723	.1717	.1683	.1601	145.
160.	.2027	.1987	.2010	.2010	.2031	.2038	.1970	.1949	.1976	.1964	.1960	.2000	.1907	160.
170.		.2375	.2340	.2360	.2414	.2431	.2413	.2375	.2333	.2374	.2329	.2340	.2261	170.
180.	.2946	.2948	.2921	.2952	.2928	.2935	.2985	.2952	.2946	.2911	.2905	.2890	.2816	180.
190.		.2740	.2698	.2705	.2738	.2716	.2758	.2811	.2754	.2766	.2677	.2651	.2591	190.
200.	.2422	.2372	.2400	.2388	.2394	.2386	.2411	.2425	.2480	.2428	.2323	.2345	.2278	200.
215.	.2138	.2175	.2108	.2173		.2135	.2132	.2197	.2182	.2108	.2087	.2059	.1973	215.
230.	.2083	.2040	.2021	.2050	.2032	.2006	.2024	.2075	.2038	.1966	.1954	.1998	.1960	230.
245.	.2027	.2007	.1980	.1995	.1980	.1982	.2001	.2003		.1907	.1930	.1983	.1932	245.
270.	.1976	.2009	.1965	.1981	.1964	.1985	.1989	.1972	.1920	.1910	.1946	.1942	.1932	270.
295.	.2004	.2015	.2010	.2020	.2005	.2054	.2046	.1965		.1955	.1938	.1972	.1926	295.
310.	.2027	.2028	.2027	.2053	.2026	.2076	.2055	.2004	.2008	.1979	.1963	.1977	.1926	310.
325.	.2044	.2125	.2073	.2123		.2128	.2116	.2079	.2031	.2068	.2040	.1999	.1932	325.
340.	.2267	.2232	.2270	.2274	.2269	.2241	.2296	.2249	.2205	.2203	.2223	.2249	.2172	340.
350.		.2463	.2436	.2465	.2479	.2452	.2480	.2485	.2447	.2440	.2398	.2422	.2369	350.

TABLE II. - CONTINUED

(8) MACH = 1.70, BETA = 1.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 2.35 DEG							
0.		.2402	.2295	.2363	.2315	.2328	.2311	.2317	.2299	.2329	.2344	.2351	.2355	.2351
10.				.2046	.2029	.2056	.2027	.2003	.2003	.2016	.2001	.2014	.2046	.2033
20.			.1868	.1793	.1801	.1832	.1781	.1763	.1810	.1782	.1762	.1747	.1817	.1813
35.	.1677	.1763	.1651	.1706	.1633	.1708	.1675	.1688	.1689	.1679	.1641	.1665	.1663	.1650
50.				.1723	.1669		.1662	.1650	.1673	.1630	.1606	.1609	.1624	.1601
65.		.1783	.1481	.1733	.1660	.1644	.1648	.1646	.1653	.1617	.1603	.1575	.1597	.1590
90.	.1732	.1722	.1449	.1698	.1626	.1631	.1603	.1627	.1670		.1610	.1597	.1566	.1607
115.		.1702	.1601	.1616	.1639	.1635	.1618	.1608	.1646	.1665	.1645	.1615	.1612	.1592
130.				.1644	.1690		.1644	.1661	.1687	.1708	.1687	.1675	.1653	.1629
145.	.1699	.1784	.1764	.1718	.1678	.1782	.1712	.1742	.1749	.1820	.1811	.1789	.1735	.1734
160.			.1968	.1963	.1957	.2021	.1991	.1955	.2008	.2028	.2084	.1999	.2011	.2014
170.				.2437	.2473	.2505	.2529	.2478	.2478	.2478	.2505	.2513	.2458	.2462
180.		.3139	.2990	.3054	.2998	.3014	.3046	.3113	.3107	.3113	.3131	.3113	.3110	.3097
190.				.2791	.2776	.2780	.2840	.2824	.2835	.2809	.2830	.2843	.2812	.2820
200.			.2461	.2386	.2372	.2390	.2383	.2384	.2417	.2420	.2439	.2382	.2421	.2440
215.	.2093	.2187	.2148	.2125	.2050	.2117	.2096	.2126	.2119	.2193	.2141	.2137	.2126	.2165
230.				.2021	.2044		.1991	.2001	.2029	.2019	.1991	.1978	.2018	.2055
245.		.2060	.2027	.1980	.1989	.1937	.1944	.1947	.1944	.1936	.1940	.1894	.1960	.1991
270.	.2074	.2045	.1901	.2061	.1983	.1932	.1906	.1915	.1940		.1911	.1885	.1903	.1966
295.		.2095	.1798	.2116	.2029	.1963	.1956	.1923	.1895	.1918	.1897	.1873	.1921	.1926
310.				.2123	.2033		.1967	.1923	.1912	.1909	.1906	.1907	.1940	.1944
325.	.1994	.2086	.2129	.2116	.1995	.2024	.1988	.1968	.1932	.1950	.1948	.1984	.1987	.1996
340.			.2236	.2174	.2182	.2138	.2118	.2071	.2053	.2044	.2093	.2068	.2131	.2158
350.				.2318	.2329	.2294	.2306	.2275	.2213	.2214	.2230	.2294	.2316	.2332
							FOR ALPHA = 3.35 DEG							
0.		.2254	.2135	.2215	.2158	.2173	.2152	.2157	.2150	.2186	.2209	.2194	.2203	.2202
10.				.1932	.1917	.1936	.1928	.1899	.1905	.1914	.1904	.1904	.1929	.1931
20.			.1802	.1738	.1742	.1752	.1701	.1701	.1737	.1728	.1725	.1693	.1741	.1758
35.	.1661	.1757	.1523	.1676	.1610	.1661	.1625	.1640	.1644	.1640	.1618	.1642	.1623	.1619
50.				.1683	.1663		.1619	.1627	.1633	.1598	.1576	.1589	.1587	.1581
65.		.1759	.1424	.1699	.1663	.1621	.1617	.1625	.1627	.1589	.1577	.1558	.1572	.1570
90.	.1730	.1697	.1535	.1639	.1616	.1616	.1588	.1613	.1659		.1594	.1583	.1552	.1590
115.		.1690	.1633	.1596	.1634	.1634	.1611	.1603	.1664	.1654	.1643	.1613	.1604	.1577
130.				.1641	.1679		.1646	.1663	.1718	.1709	.1686	.1678	.1658	.1628
145.	.1741	.1809	.1744	.1723	.1699	.1804	.1737	.1763	.1772	.1834	.1830	.1811	.1768	.1748
160.			.2017	.2002	.2025	.2082	.2041	.2014	.2063	.2098	.2148	.2051	.2080	.2094
170.				.2572	.2590	.2632	.2652	.2607	.2599	.2601	.2637	.2640	.2595	.2592
180.		.3342	.3184	.3252	.3194	.3200	.3238	.3298	.3296	.3315	.3330	.3311	.3306	.3302
190.				.2953	.2931	.2934	.2969	.2989	.2969	.2957	.2967	.2983	.2979	.2968
200.			.2518	.2485	.2446	.2465	.2440	.2456	.2496	.2535	.2522	.2455	.2522	.2545
215.	.2132	.2211	.2183	.2179	.2086	.2164	.2117	.2157	.2156	.2199	.2167	.2162	.2170	.2207
230.				.2071	.2066		.1995	.2010	.2030	.2033	.2044	.1989	.2034	.2068
245.		.2049	.2041	.1989	.2000	.1935	.1929	.1940	.1951	.1964	.1939	.1902	.1963	.1995
270.	.2061	.2026	.1944	.2034	.1974	.1924	.1894	.1897	.1923		.1892	.1883	.1894	.1952
295.		.2066	.1829	.2108	.1992	.1942	.1929	.1883	.1875	.1894	.1872	.1872	.1917	.1909
310.				.2076	.1994		.1930	.1885	.1876	.1882	.1867	.1906	.1916	.1920
325.	.1951	.2067	.2097	.2058	.1956	.1994	.1932	.1909	.1880	.1920	.1906	.1939	.1944	.1945
340.			.2153	.2100	.2103	.2067	.2015	.1992	.1963	.1989	.2010	.2002	.2052	.2076
350.				.2201	.2192	.2172	.2173	.2131	.2088	.2102	.2137	.2172	.2194	.2200
							FOR ALPHA = 5.35 DEG							
0.		.1964	.1827	.1919	.1867	.1887	.1858	.1893	.1890	.1930	.1937	.1901	.1919	.1919
10.				.1713	.1745	.1727	.1726	.1732	.1730	.1721	.1718	.1739	.1731	.1728
20.			.1669	.1617	.1638	.1614	.1586	.1603	.1620	.1600	.1611	.1611	.1621	.1602
35.	.1599	.1700	.1408	.1635	.1533	.1563	.1560	.1574	.1576	.1557	.1551	.1576	.1559	.1531
50.				.1671	.1589		.1563	.1565	.1571	.1532	.1534	.1540	.1539	.1529
65.		.1668	.1361	.1643	.1588	.1557	.1577	.1577	.1564	.1533	.1554	.1518	.1544	.1534
90.	.1693	.1630	.1518	.1579	.1596	.1563	.1552	.1585	.1612		.1566	.1539	.1509	.1554
115.		.1653	.1688	.1540	.1625	.1590	.1581	.1619	.1651	.1625	.1616	.1576	.1573	.1589
130.				.1628	.1680		.1621	.1684	.1731	.1697	.1682	.1662	.1646	.1620
145.	.1786	.1832	.1772	.1746	.1737	.1828	.1754	.1793	.1838	.1865	.1849	.1854	.1791	.1794
160.			.2108	.2092	.2144	.2201	.2160	.2129	.2221	.2239	.2257	.2185	.2193	.2234
170.				.2837	.2873	.2927	.2900	.2873	.2869	.2926	.2908	.2947	.2873	.2869
180.		.3761	.3588	.3662	.3593	.3616	.3651	.3709	.3699	.3742	.3774	.3748	.3713	.3714
190.				.3271	.3250	.3253	.3255	.3283	.3270	.3286	.3275	.3278	.3261	.3277
200.			.2663	.2639	.2627	.2635	.2583	.2618	.2650	.2676	.2679	.2644	.2698	.2737
215.	.2193	.2275	.2249	.2240	.2156	.2216	.2155	.2219	.2230	.2261	.2214	.2227	.2269	.2275
230.				.2084	.2078		.1990	.2020	.2074	.2047	.1987	.2025	.2064	.2066
245.		.2023	.2115	.1984	.1994	.1900	.1907	.1914	.1955	.1941	.1907	.1921	.1965	.1980
270.	.2020	.1978	.1888	.1989	.1939	.1874	.1842	.1836	.1893		.1868	.1871	.1881	.1911
295.		.1988	.1752	.1990	.1921	.1880	.1849	.1792	.1830	.1818	.1850	.1873	.1885	.1870
310.				.1989	.1891		.1824	.1776	.1827	.1807	.1867	.1882	.1889	.1876
325.	.1869	.2008	.1829	.1961	.1829	.1858	.1795	.1779	.1802	.1818	.1892	.1898	.1902	.1879
340.			.1956	.1939	.1923	.1877	.1825	.1808	.1833	.1845	.1913	.1914	.1931	.1923
350.				.1950	.1936	.1914	.1923	.1892	.1877	.1912	.1942	.1934	.1945	.1950

TABLE II. - CONTINUED

(8) MACH = 1.70, BETA = 1.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.35 DEG								
0.	.2383	.2415	.2393	.2435	.2384	.2352	.2371	.2356	.2376	.2369	.2348	.2355	.2310	0.
10.		.2073	.2065	.2094	.2058	.2001	.2022	.2057	.2011	.2016	.2009	.2036	.1969	10.
20.	.1827	.1823	.1887	.1844	.1784	.1809	.1831	.1790	.1794	.1783	.1767	.1834	.1765	20.
35.	.1671	.1765	.1695	.1684		.1709	.1680	.1680	.1670	.1674	.1645	.1646	.1556	35.
50.	.1665	.1705	.1660	.1627	.1636	.1640	.1642	.1630	.1623	.1628	.1605	.1610	.1570	50.
65.	.1654	.1683	.1644	.1622	.1624	.1628	.1652	.1604		.1617	.1612	.1641	.1616	65.
90.	.1631	.1673	.1633	.1640	.1584	.1566	.1607	.1587	.1576	.1583	.1614	.1606	.1605	90.
115.	.1675	.1678	.1649	.1672	.1614	.1576	.1607	.1591		.1562	.1574	.1616	.1595	115.
130.	.1730	.1709	.1680	.1710	.1688	.1621	.1625	.1630	.1625	.1610	.1605	.1629	.1598	130.
145.	.1784	.1836	.1751	.1811		.1763	.1742	.1734	.1741	.1745	.1741	.1711	.1615	145.
160.	.2088	.2043	.2069	.2063	.2072	.2084	.2042	.1999	.2041	.2030	.2028	.2063	.1969	160.
170.		.2491	.2469	.2469	.2520	.2562	.2533	.2501	.2443	.2497	.2464	.2477	.2385	170.
180.	.3116	.3127	.3115	.3129	.3103	.3114	.3181	.3143	.3131	.3106	.3100	.3075	.2992	180.
190.		.2880	.2826	.2842	.2867	.2850	.2882	.2937	.2898	.2900	.2818	.2783	.2728	190.
200.	.2501	.2451	.2483	.2467	.2469	.2457	.2475	.2492	.2566	.2522	.2414	.2433	.2349	200.
215.	.2171	.2206	.2134	.2210		.2167	.2156	.2227	.2217	.2145	.2116	.2098	.2012	215.
230.	.2097	.2064	.2033	.2067	.2044	.2029	.2039	.2074	.2042	.1980	.1960	.2014	.1973	230.
245.	.2048	.2018	.1982	.1989	.1980	.1983	.2008	.2010		.1908	.1938	.1984	.1935	245.
270.	.1978	.1999	.1967	.1977	.1966	.1986	.1984	.1967	.1911	.1902	.1941	.1930	.1924	270.
295.	.1983	.2007	.2000	.2011	.2005	.2033	.2025	.1947		.1935	.1925	.1958	.1909	295.
310.	.2015	.2012	.2008	.2020	.2004	.2041	.2021	.1960	.1975	.1948	.1921	.1942	.1904	310.
325.	.2016	.2078	.2030	.2076		.2089	.2063	.2015	.1989	.2028	.1982	.1960	.1899	325.
340.	.2178	.2132	.2211	.2180	.2183	.2166	.2193	.2153	.2113	.2128	.2141	.2160	.2086	340.
350.		.2332	.2310	.2353	.2356	.2335	.2351	.2355	.2310	.2313	.2277	.2296	.2243	350.
						FOR ALPHA = 3.35 DEG								
0.	.2231	.2260	.2236	.2272	.2225	.2190	.2211	.2219	.2212	.2199	.2187	.2206	.2156	0.
10.		.1956	.1970	.1962	.1924	.1881	.1920	.1934	.1914	.1943	.1915	.1901	.1872	10.
20.	.1767	.1756	.1812	.1761	.1707	.1745	.1746	.1711	.1732	.1737	.1724	.1743	.1701	20.
35.	.1653	.1720	.1637	.1637		.1655	.1638	.1630	.1622	.1622	.1607	.1601	.1505	35.
50.	.1674	.1678	.1610	.1608	.1617	.1604	.1613	.1599	.1591	.1590	.1569	.1576	.1575	50.
65.	.1669	.1667	.1609	.1601	.1611	.1608	.1619	.1586		.1586	.1595	.1603	.1618	65.
90.	.1614	.1658	.1620	.1629	.1571	.1555	.1592	.1581	.1569	.1568	.1600	.1594	.1603	90.
115.	.1663	.1669	.1655	.1667	.1597	.1564	.1609	.1586		.1556	.1564	.1621	.1592	115.
130.	.1729	.1711	.1688	.1718	.1675	.1623	.1622	.1645	.1626	.1615	.1609	.1632	.1597	130.
145.	.1803	.1859	.1776	.1833		.1785	.1752	.1767	.1760	.1770	.1758	.1737	.1641	145.
160.	.2157	.2111	.2120	.2138	.2141	.2155	.2109	.2066	.2094	.2096	.2092	.2132	.2035	160.
170.		.2625	.2587	.2605	.2645	.2690	.2663	.2625	.2567	.2622	.2573	.2602	.2519	170.
180.	.3321	.3336	.3316	.3328	.3282	.3307	.3376	.3328	.3318	.3297	.3285	.3270	.3195	180.
190.		.3025	.2957	.2973	.3002	.2990	.3011	.3087	.3045	.3054	.2956	.2925	.2878	190.
200.	.2587	.2517	.2568	.2558	.2552	.2537	.2558	.2569	.2657	.2589	.2486	.2514	.2438	200.
215.	.2197	.2244	.2183	.2240		.2203	.2190	.2238	.2250	.2171	.2150	.2131	.2052	215.
230.	.2112	.2072	.2052	.2080	.2057	.2031	.2061	.2085	.2045	.1991	.1979	.2024	.1989	230.
245.	.2037	.2014	.1986	.1989	.1980	.1990	.2029	.2000		.1912	.1947	.1972	.1932	245.
270.	.1956	.1999	.1954	.1972	.1961	.1976	.1975	.1956	.1894	.1891	.1930	.1926	.1917	270.
295.	.1964	.1991	.1978	.1985	.1983	.2009	.1982	.1920		.1909	.1909	.1940	.1889	295.
310.	.1979	.1992	.1968	.1981	.1981	.1998	.1972	.1933	.1948	.1914	.1897	.1919	.1879	310.
325.	.1965	.2021	.1971	.2022		.2036	.1999	.1953	.1963	.1964	.1943	.1913	.1857	325.
340.	.2080	.2046	.2128	.2110	.2111	.2090	.2110	.2051	.2032	.2069	.2050	.2060	.2001	340.
350.		.2199	.2185	.2238	.2232	.2193	.2244	.2218	.2175	.2174	.2164	.2164	.2118	350.
						FOR ALPHA = 5.35 DEG								
0.	.1935	.1961	.1948	.1972	.1931	.1899	.1954	.1939	.1901	.1904	.1921	.1910	.1896	0.
10.		.1784	.1741	.1718	.1703	.1721	.1738	.1737	.1723	.1762	.1708	.1721	.1684	10.
20.	.1662	.1646	.1639	.1576	.1618	.1614	.1603	.1607	.1618	.1631	.1592	.1631	.1564	20.
35.	.1599	.1610	.1514	.1567		.1555	.1549	.1545	.1543	.1545	.1548	.1507	.1510	35.
50.	.1633	.1597	.1526	.1549	.1547	.1546	.1545	.1534	.1527	.1531	.1509	.1542	.1597	50.
65.	.1633	.1600	.1552	.1568	.1553	.1560	.1573	.1527		.1538	.1530	.1571	.1623	65.
90.	.1589	.1622	.1597	.1576	.1518	.1538	.1549	.1539	.1534	.1534	.1562	.1563	.1577	90.
115.	.1625	.1645	.1646	.1631	.1531	.1561	.1600	.1562		.1527	.1545	.1600	.1582	115.
130.	.1708	.1706	.1674	.1709	.1627	.1608	.1639	.1643	.1617	.1609	.1596	.1622	.1597	130.
145.	.1832	.1897	.1811	.1884		.1796	.1782	.1797	.1794	.1812	.1792	.1768	.1679	145.
160.	.2293	.2244	.2251	.2283	.2285	.2242	.2206	.2187	.2227	.2234	.2229	.2259	.2173	160.
170.		.2891	.2831	.2865	.2914	.2969	.2887	.2876	.2830	.2883	.2856	.2848	.2758	170.
180.	.3750	.3754	.3715	.3745	.3702	.3712	.3781	.3733	.3727	.3708	.3697	.3673	.3597	180.
190.		.3284	.3255	.3285	.3310	.3284	.3302	.3362	.3343	.3336	.3236	.3219	.3170	190.
200.	.2750	.2670	.2723	.2743	.2709	.2686	.2724	.2762	.2840	.2720	.2641	.2689	.2620	200.
215.	.2259	.2311	.2236	.2289		.2251	.2262	.2338	.2289	.2226	.2222	.2193	.2111	215.
230.	.2120	.2098	.2050	.2080	.2066	.2056	.2088	.2086	.2017	.2008	.2023	.2040	.1998	230.
245.	.2009	.1990	.1964	.1985	.1979	.1998	.2031	.1941		.1918	.1936	.1965	.1929	245.
270.	.1919	.1972	.1930	.1940	.1935	.1947	.1934	.1897	.1845	.1864	.1892	.1886	.1888	270.
295.	.1936	.1953	.1928	.1922	.1936	.1922	.1903	.1869		.1853	.1856	.1886	.1840	295.
310.	.1924	.1925	.1897	.1902	.1917	.1901	.1848	.1859	.1847	.1833	.1823	.1839	.1807	310.
325.	.1847	.1920	.1866	.1902		.1895	.1837	.1864	.1860	.1838	.1833	.1823	.1747	325.
340.	.1905	.1902	.1951	.1925	.1942	.1915	.1893	.1843	.1906	.1916	.1869	.1894	.1841	340.
350.		.1963	.1974	.1998	.1987	.1978	.1987	.1956	.1920	.1966	.1930	.1924	.1905	350.

TABLE II. - CONTINUED

(B) MACH = 1.70, BETA = 1.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 10.35 DEG							
0.		.1416	.1269	.1374	.1313	.1341	.1306	.1337	.1336	.1343	.1340	.1312	.1320	.1313
10.				.1356	.1320	.1295	.1302	.1309	.1301	.1304	.1280	.1301	.1271	.1221
20.			.1143	.1384	.1338	.1298	.1254	.1289	.1298	.1282	.1293	.1264	.1241	.1192
35.	.1260	.1390	.1235	.1401	.1309	.1326	.1279	.1293	.1314	.1302	.1309	.1303	.1237	.1196
50.				.1385	.1389		.1324	.1325	.1337	.1315	.1304	.1311	.1266	.1231
65.		.1380	.1202	.1368	.1415	.1372	.1366	.1366	.1383	.1346	.1349	.1325	.1303	.1272
90.	.1437	.1387	.1331	.1355	.1411	.1396	.1381	.1396	.1432		.1376	.1365	.1327	.1383
115.		.1480	.1455	.1359	.1464	.1487	.1499	.1488	.1464	.1440	.1455	.1405	.1434	.1469
130.				.1488	.1575		.1582	.1601	.1609	.1577	.1549	.1550	.1552	.1577
145.	.1765	.1873	.1794	.1719	.1741	.1848	.1852	.1850	.1859	.1866	.1854	.1868	.1847	.1863
160.			.2375	.2381	.2423	.2504	.2513	.2516	.2566	.2551	.2574	.2524	.2565	.2605
170.				.3617	.3628	.3677	.3695	.3706	.3682	.3675	.3644	.3638	.3644	.3639
180.		.4908	.4748	.4801	.4718	.4747	.4808	.4877	.4878	.4903	.4938	.4902	.4897	.4887
190.				.4084	.4060	.4063	.4138	.4133	.4120	.4106	.4128	.4185	.4150	.4140
200.			.3008	.2972	.2999	.3013	.3075	.3044	.3094	.3097	.3172	.3129	.3168	.3146
215.	.2334	.2433	.2360	.2272	.2236	.2315	.2322	.2318	.2351	.2383	.2408	.2433	.2393	.2371
230.				.1985	.1980		.1976	.1987	.2061	.2060	.2054	.2065	.2035	.1991
245.		.1922	.1885	.1800	.1803	.1808	.1816	.1811	.1876	.1891	.1898	.1867	.1862	.1830
270.	.1815	.1744	.1719	.1692	.1688	.1673	.1669	.1714	.1797		.1748	.1743	.1726	.1768
295.		.1672	.1520	.1638	.1647	.1641	.1648	.1658	.1693	.1659	.1630	.1655	.1647	.1647
310.				.1622	.1588		.1581	.1583	.1619	.1590	.1593	.1595	.1586	.1574
325.	.1479	.1575	.1513	.1576	.1485	.1541	.1492	.1509	.1532	.1533	.1486	.1515	.1515	.1506
340.			.1447	.1488	.1473	.1461	.1426	.1442	.1457	.1448	.1429	.1419	.1450	.1448
350.				.1408	.1387	.1379	.1404	.1390	.1393	.1394	.1373	.1370	.1396	.1402
							FOR ALPHA = 15.35 DEG							
0.		.1073	.0807	.0985	.0902	.0913	.0901	.0912	.0904	.0901	.0896	.0900	.0884	.0876
10.				.0992	.0924	.0911	.0922	.0882	.0859	.0888	.0885	.0891	.0882	.0880
20.			.0747	.0990	.0943	.0919	.0889	.0854	.0861	.0886	.0875	.0877	.0865	.0867
35.	.0872	.1002	.0936	.1015	.0918	.0955	.0893	.0853	.0880	.0915	.0873	.0883	.0893	.0866
50.				.1008	.1006		.0949	.0882	.0894	.0933	.0893	.0904	.0927	.0921
65.		.1022	.1035	.1042	.1061	.1048	.1028	.0965	.0961	.0981	.0950	.0930	.0978	.0991
90.	.1116	.1029	.1052	.1080	.1066	.1073	.1077	.1097	.1131		.1038	.1031	.1021	.1065
115.		.1235	.1188	.1189	.1205	.1204	.1252	.1286	.1280	.1286	.1236	.1195	.1204	.1176
130.				.1413	.1387		.1393	.1452	.1499	.1503	.1453	.1425	.1431	.1371
145.	.1785	.1917	.1926	.1774	.1764	.1875	.1859	.1849	.1894	.1950	.1955	.1927	.1898	.1853
160.			.2806	.2901	.2831	.2910	.2917	.2908	.3010	.2987	.3081	.2980	.2974	.2995
170.				.4625	.4577	.4605	.4629	.4590	.4583	.4560	.4623	.4600	.4535	.4489
180.		.6200	.6071	.6114	.6041	.6071	.6139	.6189	.6189	.6223	.6272	.6191	.6191	.6207
190.				.5035	.5053	.5130	.5131	.5133	.5121	.5082	.5084	.5083	.5075	.5079
200.			.3395	.3457	.3513	.3589	.3576	.3590	.3667	.3637	.3680	.3600	.3673	.3739
215.	.2403	.2483	.2467	.2333	.2420	.2479	.2468	.2473	.2496	.2552	.2527	.2530	.2535	.2534
230.				.1911	.1951		.1932	.1993	.2020	.2012	.1951	.1969	.1975	.1977
245.		.1671	.1658	.1613	.1702	.1687	.1727	.1751	.1738	.1699	.1698	.1662	.1704	.1706
270.	.1511	.1389	.1401	.1416	.1443	.1432	.1466	.1503	.1524		.1467	.1443	.1414	.1481
295.		.1309	.1301	.1317	.1318	.1300	.1346	.1348	.1331	.1319	.1293	.1243	.1254	.1310
310.				.1215	.1195		.1217	.1205	.1194	.1207	.1165	.1135	.1123	.1176
325.	.1033	.1138	.1069	.1135	.1039	.1078	.1066	.1078	.1086	.1115	.1056	.1014	.1019	.1049
340.			.0835	.0998	.0975	.0942	.0950	.0968	.0965	.0978	.0952	.0909	.0900	.0931
350.				.0933	.0904	.0865	.0932	.0926	.0903	.0911	.0890	.0870	.0841	.0875
							FOR ALPHA = 20.35 DEG							
0.		.0736	.0569	.0680	.0638	.0640	.0619	.0621	.0627	.0637	.0624	.0599	.0613	.0636
10.				.0664	.0621	.0597	.0639	.0615	.0593	.0599	.0567	.0566	.0612	.0647
20.			.0331	.0558	.0564	.0516	.0516	.0525	.0525	.0518	.0490	.0508	.0584	.0556
35.	.0399	.0523	.0372	.0464	.0471	.0494	.0462	.0446	.0478	.0476	.0438	.0476	.0552	.0518
50.				.0484	.0504		.0517	.0495	.0488	.0483	.0473	.0488	.0554	.0561
65.		.0495	.0461	.0530	.0576	.0586	.0601	.0603	.0604	.0567	.0554	.0545	.0596	.0695
90.	.0693	.0555	.0558	.0587	.0580	.0599	.0644	.0679	.0708		.0664	.0655	.0654	.0785
115.		.0980	.0892	.0873	.0846	.0833	.0895	.0942	.0922	.0900	.0924	.0885	.0909	.0925
130.				.1215	.1174		.1143	.1177	.1214	.1237	.1243	.1257	.1248	.1238
145.	.1848	.1955	.1947	.1904	.1828	.1926	.1891	.1854	.1880	.1904	.1943	.1958	.1978	.1964
160.			.3383	.3396	.3367	.3398	.3408	.3401	.3465	.3440	.3476	.3447	.3454	.3529
170.				.5650	.5596	.5629	.5603	.5569	.5529	.5482	.5489	.5491	.5448	.5452
180.		.7627	.7572	.7517	.7407	.7451	.7501	.7556	.7553	.7572	.7593	.7565	.7565	.7558
190.				.6162	.6138	.6143	.6165	.6178	.6201	.6096	.6072	.6095	.6045	.6056
200.			.3954	.4077	.4045	.4082	.4108	.4168	.4269	.4187	.4218	.4148	.4203	.4258
215.	.2563	.2630	.2555	.2484	.2539	.2574	.2553	.2610	.2660	.2630	.2654	.2624	.2663	.2593
230.				.1810	.1836		.1764	.1873	.1899	.1860	.1802	.1828	.1824	.1776
245.		.1487	.1356	.1398	.1421	.1399	.1460	.1517	.1498	.1429	.1404	.1380	.1415	.1392
270.	.1110	.0961	.0962	.1032	.1053	.1029	.1060	.1111	.1149		.1073	.1050	.1051	.1103
295.		.0782	.0792	.0871	.0926	.0874	.0858	.0902	.0905	.0894	.0862	.0841	.0845	.0864
310.				.0710	.0743		.0653	.0689	.0712	.0704	.0684	.0675	.0667	.0670
325.	.0433	.0556	.0493	.0566	.0578	.0533	.0487	.0527	.0564	.0562	.0543	.0536	.0531	.0528
340.			.0392	.0483	.0517	.0407	.0399	.0449	.0465	.0462	.0452	.0442	.0448	.0439
350.				.0538	.0548	.0478	.0513	.0522	.0510	.0519	.0499	.0494	.0504	.0496

TABLE II. - CONTINUED

(B) MACH = 1.70, BETA = 1.01 DEG, CONCLUDED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.35 DEG								
0.	.1312	.1352	.1354	.1364	.1319	.1303	.1331	.1327	.1337	.1356	.1369	.1377	.1367	0.
10.		.1282	.1292	.1301	.1302	.1280	.1286	.1311	.1287	.1295	.1335	.1418	.1338	10.
20.	.1263	.1262	.1288	.1278	.1299	.1272	.1271	.1286	.1276	.1315	.1380	.1361	.1285	20.
35.	.1275	.1305	.1246	.1289		.1284	.1300	.1291	.1308	.1372	.1368	.1278	.1198	35.
50.	.1357	.1341	.1302	.1295	.1296	.1303	.1312	.1311	.1349	.1440	.1398	.1316	.1261	50.
65.	.1398	.1383	.1353	.1345	.1338	.1353	.1355	.1321		.1454	.1443	.1375	.1329	65.
90.	.1408	.1406	.1376	.1374	.1361	.1380	.1383	.1363	.1365	.1409	.1448	.1402	.1347	90.
115.	.1522	.1427	.1420	.1446	.1448	.1465	.1456	.1400		.1449	.1441	.1493	.1457	115.
130.	.1659	.1575	.1508	.1567	.1574	.1564	.1557	.1557	.1551	.1567	.1566	.1563	.1555	130.
145.	.1899	.1912	.1796	.1837		.1872	.1843	.1821	.1839	.1878	.1867	.1831	.1762	145.
160.	.2650	.2598	.2607	.2550	.2554	.2571	.2569	.2548	.2607	.2594	.2537	.2573	.2539	160.
170.		.3632	.3592	.3569	.3598	.3588	.3593	.3646	.3607	.3611	.3523	.3546	.3502	170.
180.	.4892	.4882	.4868	.4907	.4878	.4832	.4895	.4872	.4833	.4826	.4817	.4800	.4736	180.
190.		.4119	.4063	.4085	.4125	.4168	.4195	.4135	.4049	.4073	.4026	.4074	.3995	190.
200.	.3159	.3122	.3182	.3169	.3164	.3209	.3191	.3126	.3125	.3131	.3116	.3170	.3081	200.
215.	.2347	.2461	.2401	.2422		.2420	.2363	.2394	.2401	.2399	.2366	.2332	.2237	215.
230.	.2065	.2089	.2067	.2093	.2077	.2009	.2010	.2060	.2034	.2002	.1985	.1996	.1943	230.
245.	.1898	.1915	.1926	.1937	.1891	.1845	.1877	.1840		.1828	.1819	.1870	.1847	245.
270.	.1775	.1832	.1787	.1775	.1724	.1707	.1729	.1712	.1702	.1705	.1745	.1736	.1748	270.
295.	.1738	.1744	.1663	.1638	.1658	.1655	.1663	.1629		.1634	.1655	.1706	.1713	295.
310.	.1674	.1660	.1580	.1553	.1596	.1576	.1572	.1578	.1581	.1583	.1579	.1569	.1632	310.
325.	.1543	.1572	.1487	.1498		.1526	.1530	.1528	.1518	.1508	.1499	.1483	.1474	325.
340.	.1478	.1476	.1471	.1433	.1478	.1451	.1446	.1442	.1451	.1431	.1434	.1472	.1426	340.
350.		.1435	.1427	.1416	.1375	.1395	.1399	.1411	.1399	.1421	.1418	.1430	.1393	350.
						FOR ALPHA = 15.35 DEG								
0.	.0901	.0946	.0947	.0977	.0953	.0950	.0995	.0988	.0953	.0961	.0977	.0966	.0902	0.
10.		.0931	.0931	.0951	.0996	.1052	.0997	.0950	.0956	.0967	.0954	.0957	.0930	10.
20.	.0915	.0922	.0939	.0949	.1024	.1037	.0981	.0962	.0983	.0976	.0946	.0964	.0902	20.
35.	.0914	.0960	.0909	.0983		.1009	.0983	.1023	.0995	.0996	.0986	.0964	.0897	35.
50.	.0990	.1007	.0973	.1013	.1076	.1032	.0994	.1008	.1008	.1037	.1008	.1031	.0995	50.
65.	.1055	.1046	.1037	.1087	.1148	.1139	.1084	.1042		.1034	.1059	.1092	.1053	65.
90.	.1081	.1131	.1111	.1108	.1131	.1159	.1143	.1085	.1045	.1058	.1081	.1074	.1078	90.
115.	.1228	.1235	.1251	.1242	.1224	.1257	.1287	.1256		.1149	.1161	.1196	.1179	115.
130.	.1436	.1443	.1437	.1431	.1417	.1456	.1451	.1476	.1430	.1373	.1372	.1374	.1311	130.
145.	.1867	.1949	.1908	.1908		.1957	.1966	.1938	.1937	.1889	.1860	.1855	.1772	145.
160.	.3027	.2986	.3021	.2994	.2989	.3019	.3043	.3022	.3035	.3066	.3014	.3018	.2915	160.
170.		.4458	.4393	.4440	.4478	.4474	.4479	.4506	.4435	.4482	.4448	.4436	.4317	170.
180.	.6181	.6174	.6183	.6200	.6170	.6129	.6164	.6124	.6114	.6133	.6131	.6123	.6031	180.
190.		.5015	.4944	.5036	.5067	.5014	.5006	.5049	.4998	.5020	.4967	.5028	.4939	190.
200.	.3726	.3583	.3623	.3695	.3640	.3646	.3637	.3615	.3692	.3645	.3634	.3686	.3621	200.
215.	.2494	.2521	.2473	.2506		.2544	.2509	.2489	.2509	.2538	.2504	.2522	.2413	215.
230.	.1973	.1950	.1932	.1967	.1959	.1967	.1960	.1963	.1968	.1965	.1945	.1924	.1861	230.
245.	.1695	.1673	.1669	.1682	.1692	.1722	.1733	.1670		.1658	.1694	.1659	.1616	245.
270.	.1475	.1495	.1463	.1467	.1439	.1463	.1476	.1488	.1511	.1495	.1483	.1428	.1423	270.
295.	.1353	.1342	.1319	.1341	.1297	.1327	.1359	.1407		.1360	.1321	.1369	.1351	295.
310.	.1230	.1227	.1220	.1189	.1191	.1199	.1192	.1257	.1352	.1268	.1233	.1265	.1238	310.
325.	.1068	.1110	.1070	.1086		.1112	.1111	.1196	.1234	.1181	.1148	.1121	.1062	325.
340.	.0991	.0983	.0999	.1011	.1034	.1004	.1007	.1056	.1140	.1073	.1009	.1048	.1009	340.
350.		.0945	.0949	.0959	.0961	.0947	.0957	.0963	.1034	.1051	.0967	.0947	.0901	350.
						FOR ALPHA = 20.35 DEG								
0.	.0648	.0650	.0640	.0701	.0661	.0613	.0634	.0634	.0635	.0643	.0663	.0660	.0623	0.
10.		.0619	.0622	.0651	.0654	.0648	.0644	.0631	.0616	.0629	.0595	.0551	.0602	10.
20.	.0511	.0523	.0540	.0568	.0586	.0572	.0581	.0569	.0568	.0529	.0444	.0512	.0533	20.
35.	.0480	.0492	.0464	.0499		.0528	.0532	.0534	.0524	.0497	.0399	.0488	.0449	35.
50.	.0554	.0567	.0548	.0558	.0558	.0526	.0502	.0501	.0514	.0549	.0452	.0542	.0547	50.
65.	.0663	.0649	.0653	.0672	.0659	.0663	.0669	.0634		.0625	.0551	.0577	.0646	65.
90.	.0786	.0807	.0756	.0733	.0694	.0704	.0725	.0716	.0689	.0708	.0764	.0685	.0695	90.
115.	.0988	.1051	.0957	.0884	.0902	.0951	.0965	.0894		.0921	.0923	.0992	.0932	115.
130.	.1304	.1342	.1304	.1258	.1231	.1251	.1249	.1234	.1229	.1249	.1230	.1266	.1247	130.
145.	.2016	.2059	.2074	.2038		.2031	.2004	.1978	.1992	.1997	.1964	.1977	.1996	145.
160.	.3558	.3515	.3580	.3664	.3533	.3491	.3497	.3493	.3570	.3571	.3537	.3572	.3512	160.
170.		.5436	.5356	.5509	.5505	.5427	.5410	.5471	.5425	.5445	.5377	.5401	.5331	170.
180.	.7561	.7559	.7591	.7616	.7576	.7502	.7570	.7542	.7516	.7500	.7503	.7468	.7400	180.
190.		.6034	.6013	.6063	.6068	.6023	.6040	.6113	.6004	.6022	.5991	.6003	.5897	190.
200.	.4227	.4180	.4285	.4275	.4241	.4219	.4303	.4259	.4223	.4214	.4200	.4249	.4121	200.
215.	.2620	.2711	.2677	.2757		.2764	.2734	.2649	.2603	.2611	.2636	.2633	.2519	215.
230.	.1866	.1880	.1898	.1962	.1870	.1946	.1862	.1832	.1815	.1820	.1822	.1820	.1753	230.
245.	.1468	.1475	.1518	.1499	.1513	.1554	.1483	.1435		.1389	.1389	.1445	.1420	245.
270.	.1121	.1165	.1200	.1214	.1186	.1145	.1125	.1125	.1095	.1095	.1117	.1132	.1128	270.
295.	.0926	.0964	.1035	.1000	.0917	.0971	.0999	.0957		.0910	.0904	.0909	.0937	295.
310.	.0737	.0807	.0865	.0787	.0736	.0744	.0740	.0731	.0725	.0740	.0725	.0726	.0742	310.
325.	.0550	.0612	.0672	.0619		.0593	.0616	.0634	.0610	.0598	.0584	.0569	.0510	325.
340.	.0466	.0533	.0616	.0524	.0493	.0468	.0500	.0521	.0507	.0496	.0466	.0477	.0459	340.
350.		.0585	.0600	.0553	.0495	.0501	.0533	.0536	.0511	.0517	.0504	.0515	.0492	350.

TABLE II. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.65 DEG								
0.		.3588	.3498	.3565	.3498	.3527	.3543	.3588	.3586	.3603	.3617	.3547	.3536	.3540
10.				.2470	.2480	.2491	.2501	.2465	.2423	.2440	.2430	.2403	.2385	.2386
20.			.1704	.1682	.1680	.1722	.1728	.1711	.1736	.1753	.1760	.1701	.1729	.1752
35.	.1310	.1448	.1474	.1416	.1348	.1442	.1420	.1427	.1436	.1453	.1436	.1434	.1400	.1397
50.				.1346	.1351		.1328	.1356	.1371	.1330	.1316	.1310	.1313	.1288
65.		.1339	.1424	.1314	.1325	.1300	.1308	.1327	.1325	.1295	.1276	.1245	.1271	.1251
90.	.1318	.1335	.1097	.1307	.1309	.1277	.1257	.1278	.1315		.1258	.1241	.1226	.1280
115.		.1401	.1075	.1311	.1313	.1270	.1259	.1256	.1275	.1261	.1245	.1236	.1263	.1283
130.				.1356	.1304		.1266	.1261	.1273	.1245	.1236	.1250	.1282	.1287
145.	.1244	.1385	.1109	.1343	.1247	.1295	.1256	.1269	.1260	.1233	.1229	.1275	.1284	.1301
160.			.1171	.1293	.1327	.1322	.1300	.1287	.1281	.1255	.1271	.1258	.1322	.1334
170.				.1424	.1462	.1465	.1474	.1453	.1418	.1392	.1374	.1407	.1427	.1411
180.		.1918	.1815	.1849	.1807	.1837	.1846	.1866	.1860	.1853	.1829	.1802	.1838	.1842
190.				.2099	.2078	.2056	.2109	.2096	.2074	.2077	.2063	.2049	.2066	.2090
200.			.2163	.2147	.2120	.2113	.2107	.2110	.2113	.2085	.2095	.2048	.2094	.2092
215.	.2058	.2236	.2124	.2183	.2056	.2119	.2101	.2122	.2124	.2103	.2078	.2080	.2083	.2092
230.				.2215	.2140		.2145	.2154	.2152	.2126	.2100	.2092	.2093	.2121
245.		.2252	.2121	.2221	.2174	.2153	.2169	.2172	.2172	.2167	.2140	.2108	.2131	.2151
270.	.2362	.2284	.2280	.2309	.2268	.2244	.2249	.2263	.2289		.2244	.2212	.2225	.2284
295.		.2410	.2451	.2403	.2417	.2376	.2415	.2407	.2387	.2380	.2358	.2301	.2409	.2373
310.				.2521	.2528		.2526	.2521	.2524	.2493	.2444	.2446	.2524	.2541
325.	.2628	.2701	.2708	.2714	.2646	.2719	.2706	.2738	.2718	.2703	.2681	.2685	.2727	.2687
340.			.3138	.3119	.3125	.3131	.3111	.3123	.3145	.3136	.3127	.3069	.3117	.3141
350.				.3583	.3580	.3583	.3616	.3640	.3617	.3596	.3589	.3585	.3539	.3553
						FOR ALPHA = -2.65 DEG								
0.		.3183	.3115	.3171	.3094	.3131	.3129	.3187	.3172	.3186	.3176	.3124	.3123	.3132
10.				.2240	.2235	.2250	.2263	.2227	.2205	.2194	.2168	.2188	.2160	.2154
20.			.1657	.1609	.1639	.1674	.1666	.1623	.1647	.1647	.1659	.1618	.1630	.1675
35.	.1344	.1433	.1492	.1426	.1364	.1476	.1430	.1426	.1414	.1427	.1430	.1427	.1394	.1408
50.				.1379	.1402		.1379	.1360	.1385	.1350	.1342	.1333	.1321	.1311
65.		.1382	.1390	.1344	.1383	.1357	.1367	.1352	.1339	.1336	.1318	.1290	.1292	.1276
90.	.1375	.1389	.1105	.1380	.1356	.1339	.1332	.1314	.1338		.1312	.1284	.1260	.1307
115.		.1449	.1061	.1370	.1343	.1344	.1333	.1280	.1296	.1320	.1309	.1270	.1270	.1303
130.				.1375	.1346		.1325	.1287	.1303	.1320	.1307	.1288	.1288	.1316
145.	.1275	.1412	.1284	.1340	.1301	.1364	.1313	.1298	.1303	.1341	.1322	.1320	.1303	.1337
160.			.1376	.1330	.1395	.1422	.1382	.1350	.1374	.1381	.1379	.1330	.1378	.1395
170.				.1577	.1609	.1648	.1641	.1601	.1593	.1591	.1548	.1562	.1552	.1566
180.		.2201	.2097	.2142	.2097	.2128	.2119	.2152	.2153	.2165	.2164	.2111	.2119	.2135
190.				.2385	.2359	.2316	.2359	.2364	.2356	.2369	.2358	.2355	.2352	.2336
200.			.2403	.2358	.2323	.2297	.2279	.2288	.2327	.2306	.2321	.2282	.2300	.2270
215.	.2168	.2321	.2322	.2322	.2196	.2239	.2210	.2241	.2248	.2244	.2250	.2262	.2293	.2293
230.				.2334	.2259		.2218	.2217	.2241	.2225	.2231	.2241	.2231	.2203
245.		.2335	.2223	.2314	.2250	.2222	.2224	.2219	.2233	.2234	.2247	.2230	.2224	.2198
270.	.2389	.2335	.2255	.2373	.2327	.2275	.2268	.2298	.2328		.2287	.2252	.2267	.2308
295.		.2431	.2387	.2435	.2441	.2373	.2408	.2412	.2390	.2361	.2333	.2296	.2400	.2351
310.				.2519	.2522		.2475	.2491	.2499	.2453	.2414	.2396	.2467	.2423
325.	.2535	.2633	.2663	.2634	.2589	.2639	.2599	.2644	.2620	.2609	.2597	.2574	.2585	.2576
340.			.3042	.2942	.2954	.2955	.2928	.2914	.2935	.2917	.2928	.2840	.2889	.2916
350.				.3272	.3261	.3250	.3298	.3292	.3249	.3261	.3251	.3229	.3217	.3245
						FOR ALPHA = -1.65 DEG								
0.		.3001	.2919	.2973	.2916	.2930	.2939	.2986	.2994	.2983	.2981	.2938	.2950	.2956
10.				.2133	.2132	.2152	.2153	.2099	.2103	.2084	.2064	.2081	.2074	.2069
20.			.1634	.1591	.1605	.1640	.1613	.1585	.1630	.1608	.1633	.1568	.1630	.1650
35.	.1356	.1454	.1475	.1437	.1394	.1473	.1430	.1419	.1406	.1442	.1435	.1405	.1407	.1415
50.				.1388	.1421		.1384	.1361	.1384	.1367	.1349	.1335	.1349	.1341
65.		.1402	.1351	.1355	.1409	.1387	.1370	.1351	.1355	.1343	.1345	.1297	.1307	.1326
90.	.1400	.1422	.1107	.1394	.1363	.1368	.1341	.1334	.1353		.1321	.1301	.1273	.1327
115.		.1467	.1187	.1366	.1335	.1366	.1352	.1307	.1298	.1313	.1337	.1291	.1281	.1298
130.				.1372	.1349		.1353	.1314	.1307	.1323	.1339	.1320	.1290	.1303
145.	.1293	.1432	.1285	.1337	.1303	.1388	.1362	.1332	.1311	.1350	.1367	.1356	.1316	.1314
160.			.1408	.1368	.1414	.1463	.1446	.1400	.1400	.1409	.1444	.1388	.1416	.1410
170.				.1661	.1686	.1728	.1749	.1704	.1674	.1662	.1662	.1659	.1645	.1628
180.		.2359	.2265	.2302	.2261	.2282	.2279	.2316	.2311	.2334	.2331	.2287	.2266	.2255
190.				.2525	.2508	.2467	.2505	.2498	.2488	.2503	.2514	.2508	.2498	.2470
200.			.2488	.2453	.2440	.2403	.2372	.2380	.2413	.2403	.2419	.2385	.2404	.2373
215.	.2235	.2361	.2356	.2370	.2263	.2310	.2266	.2290	.2289	.2309	.2318	.2331	.2286	.2269
230.				.2359	.2301		.2254	.2246	.2282	.2270	.2272	.2274	.2248	.2241
245.		.2367	.2251	.2337	.2291	.2259	.2254	.2226	.2245	.2270	.2277	.2247	.2231	.2227
270.	.2414	.2359	.2205	.2392	.2344	.2301	.2289	.2301	.2328		.2294	.2258	.2273	.2312
295.		.2430	.2398	.2435	.2437	.2384	.2412	.2394	.2376	.2350	.2327	.2278	.2351	.2335
310.				.2504	.2510		.2459	.2456	.2460	.2414	.2396	.2375	.2426	.2386
325.	.2505	.2587	.2626	.2592	.2537	.2588	.2557	.2587	.2552	.2561	.2543	.2528	.2523	.2516
340.			.2916	.2834	.2852	.2841	.2831	.2816	.2831	.2810	.2825	.2752	.2795	.2830
350.				.3098	.3094	.3087	.3136	.3136	.3102	.3088	.3080	.3077	.3067	.3097

TABLE II. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.65 DEG								
0.	.3588	.3572	.3586	.3649	.3604	.3570	.3596	.3567	.3567	.3568	.3565	.3557	.3505	0.
10.		.2422	.2352	.2382	.2439	.2423	.2421	.2448	.2409	.2396	.2359	.2404	.2346	10.
20.	.1810	.1725	.1791	.1794	.1770	.1760	.1771	.1764	.1807	.1798	.1760	.1773	.1730	20.
35.	.1402	.1457	.1410	.1433		.1439	.1437	.1435	.1442	.1462	.1444	.1442	.1417	35.
50.	.1324	.1338	.1297	.1310	.1305	.1321	.1347	.1345	.1359	.1342	.1308	.1365	.1379	50.
65.	.1308	.1288	.1261	.1279	.1268	.1297	.1349	.1327		.1263	.1283	.1322	.1345	65.
90.	.1279	.1271	.1232	.1244	.1235	.1255	.1268	.1248	.1225	.1220	.1264	.1291	.1265	90.
115.	.1287	.1248	.1229	.1226	.1231	.1258	.1258	.1202		.1227	.1238	.1303	.1198	115.
130.	.1298	.1240	.1233	.1236	.1233	.1255	.1251	.1223	.1221	.1246	.1223	.1260	.1178	130.
145.	.1263	.1259	.1226	.1252		.1273	.1264	.1254	.1244	.1265	.1238	.1190	.1148	145.
160.	.1370	.1277	.1305	.1316	.1309	.1290	.1298	.1281	.1300	.1295	.1278	.1280	.1215	160.
170.		.1481	.1430	.1419	.1432	.1421	.1399	.1404	.1414	.1433	.1368	.1370	.1337	170.
180.	.1869	.1885	.1877	.1899	.1858	.1826	.1837	.1857	.1830	.1819	.1813	.1810	.1758	180.
190.		.2128	.2122	.2154	.2131	.2104	.2119	.2108	.2094	.2126	.2082	.2103	.2047	190.
200.	.2152	.2126	.2201	.2214	.2187	.2124	.2138	.2153	.2152	.2151	.2141	.2156	.2052	200.
215.	.2116	.2149	.2166	.2233		.2155	.2175	.2194	.2171	.2158	.2166	.2090	.1970	215.
230.	.2193	.2173	.2201	.2222	.2182	.2180	.2200	.2201	.2202	.2185	.2190	.2132	.2063	230.
245.	.2205	.2224	.2237	.2248	.2207	.2214	.2251	.2216		.2234	.2251	.2200	.2128	245.
270.	.2270	.2318	.2291	.2308	.2277	.2276	.2294	.2286	.2254	.2275	.2310	.2277	.2268	270.
295.	.2422	.2431	.2404	.2405	.2399	.2431	.2440	.2411		.2380	.2361	.2379	.2358	295.
310.	.2535	.2530	.2506	.2527	.2527	.2541	.2556	.2554	.2560	.2511	.2486	.2484	.2420	310.
325.	.2666	.2771	.2700	.2742		.2800	.2769	.2779	.2811	.2755	.2714	.2681	.2588	325.
340.	.3134	.3128	.3197	.3200	.3196	.3189	.3215	.3219	.3219	.3218	.3153	.3156	.3105	340.
350.		.3606	.3591	.3648	.3664	.3631	.3663	.3643	.3642	.3651	.3605	.3584	.3508	350.
						FOR ALPHA = -2.65 DEG								
0.	.3169	.3190	.3187	.3229	.3184	.3184	.3182	.3151	.3136	.3144	.3172	.3163	.3119	0.
10.		.2220	.2133	.2153	.2204	.2211	.2201	.2188	.2155	.2168	.2156	.2172	.2136	10.
20.	.1718	.1651	.1690	.1710	.1681	.1669	.1684	.1658	.1683	.1699	.1652	.1681	.1638	20.
35.	.1410	.1467	.1415	.1436		.1441	.1414	.1433	.1430	.1446	.1412	.1368	.1407	35.
50.	.1363	.1377	.1325	.1339	.1344	.1350	.1361	.1347	.1352	.1357	.1350	.1406	.1402	50.
65.	.1333	.1355	.1308	.1311	.1306	.1342	.1360	.1323		.1327	.1321	.1383	.1394	65.
90.	.1316	.1319	.1275	.1290	.1267	.1274	.1295	.1290	.1274	.1275	.1308	.1317	.1317	90.
115.	.1349	.1305	.1268	.1275	.1259	.1270	.1278	.1246		.1258	.1260	.1315	.1268	115.
130.	.1383	.1306	.1263	.1263	.1259	.1278	.1290	.1273	.1257	.1258	.1259	.1292	.1261	130.
145.	.1370	.1345	.1291	.1299		.1311	.1331	.1319	.1286	.1302	.1302	.1264	.1208	145.
160.	.1464	.1402	.1379	.1385	.1376	.1365	.1396	.1374	.1376	.1375	.1361	.1408	.1329	160.
170.		.1637	.1594	.1571	.1587	.1589	.1575	.1584	.1539	.1593	.1558	.1560	.1478	170.
180.	.2158	.2203	.2185	.2193	.2145	.2136	.2163	.2126	.2133	.2134	.2127	.2109	.2048	180.
190.		.2432	.2389	.2427	.2439	.2401	.2394	.2399	.2391	.2405	.2375	.2383	.2322	190.
200.	.2327	.2312	.2369	.2404	.2420	.2361	.2343	.2338	.2369	.2359	.2326	.2373	.2288	200.
215.	.2232	.2283	.2249	.2356		.2308	.2296	.2317	.2314	.2302	.2283	.2272	.2114	215.
230.	.2278	.2265	.2269	.2300	.2268	.2268	.2289	.2286	.2276	.2280	.2290	.2274	.2163	230.
245.	.2261	.2266	.2269	.2303	.2261	.2271	.2303	.2271		.2284	.2334	.2309	.2192	245.
270.	.2298	.2336	.2326	.2341	.2306	.2309	.2334	.2318	.2296	.2302	.2347	.2311	.2272	270.
295.	.2410	.2419	.2412	.2422	.2417	.2442	.2465	.2408		.2382	.2389	.2402	.2352	295.
310.	.2486	.2492	.2499	.2491	.2497	.2535	.2527	.2512	.2538	.2470	.2456	.2466	.2395	310.
325.	.2589	.2688	.2639	.2667		.2694	.2688	.2702	.2721	.2685	.2608	.2600	.2490	325.
340.	.2931	.2959	.3024	.3004	.2996	.2971	.3018	.3006	.3016	.3027	.2950	.2939	.2911	340.
350.		.3278	.3304	.3326	.3336	.3316	.3323	.3326	.3293	.3340	.3269	.3258	.3187	350.
						FOR ALPHA = -1.65 DEG								
0.	.2979	.3000	.2990	.3047	.3003	.2977	.2985	.2965	.2952	.2942	.2972	.2976	.2907	0.
10.		.2102	.2035	.2041	.2103	.2100	.2077	.2099	.2052	.2067	.2027	.2098	.2021	10.
20.	.1686	.1612	.1651	.1673	.1636	.1626	.1638	.1611	.1653	.1652	.1586	.1659	.1591	20.
35.	.1407	.1449	.1415	.1441		.1421	.1411	.1428	.1426	.1427	.1388	.1383	.1403	35.
50.	.1381	.1366	.1353	.1351	.1354	.1353	.1360	.1354	.1359	.1358	.1328	.1422	.1446	50.
65.	.1355	.1351	.1326	.1325	.1326	.1344	.1362	.1333		.1343	.1342	.1402	.1409	65.
90.	.1329	.1332	.1289	.1302	.1285	.1282	.1299	.1295	.1290	.1288	.1318	.1332	.1335	90.
115.	.1379	.1312	.1287	.1282	.1276	.1266	.1277	.1244		.1270	.1274	.1316	.1286	115.
130.	.1393	.1321	.1282	.1271	.1275	.1281	.1292	.1279	.1270	.1275	.1267	.1286	.1290	130.
145.	.1389	.1376	.1274	.1304		.1325	.1346	.1339	.1313	.1312	.1320	.1290	.1221	145.
160.	.1498	.1459	.1421	.1405	.1413	.1401	.1435	.1427	.1423	.1419	.1392	.1453	.1380	160.
170.		.1719	.1696	.1656	.1661	.1664	.1665	.1680	.1631	.1647	.1648	.1657	.1571	170.
180.	.2286	.2369	.2362	.2376	.2296	.2286	.2326	.2304	.2272	.2304	.2291	.2274	.2217	180.
190.		.2533	.2551	.2576	.2587	.2555	.2554	.2538	.2532	.2553	.2508	.2522	.2475	190.
200.	.2422	.2403	.2449	.2485	.2521	.2472	.2455	.2432	.2467	.2485	.2426	.2467	.2411	200.
215.	.2291	.2344	.2288	.2379		.2363	.2360	.2399	.2371	.2370	.2348	.2346	.2189	215.
230.	.2298	.2294	.2282	.2336	.2308	.2298	.2316	.2316	.2315	.2315	.2331	.2332	.2216	230.
245.	.2288	.2296	.2289	.2339	.2289	.2297	.2312	.2273		.2292	.2349	.2373	.2231	245.
270.	.2309	.2349	.2325	.2348	.2317	.2320	.2342	.2332	.2311	.2311	.2349	.2320	.2276	270.
295.	.2404	.2419	.2416	.2398	.2421	.2450	.2460	.2419		.2375	.2377	.2393	.2329	295.
310.	.2475	.2488	.2484	.2479	.2483	.2510	.2506	.2490	.2508	.2452	.2418	.2432	.2377	310.
325.	.2550	.2652	.2597	.2642		.2640	.2635	.2648	.2655	.2637	.2552	.2535	.2441	325.
340.	.2847	.2846	.2928	.2901	.2879	.2878	.2905	.2897	.2913	.2920	.2846	.2827	.2803	340.
350.		.3133	.3134	.3175	.3162	.3132	.3159	.3163	.3136	.3172	.3117	.3111	.3018	350.

TABLE II. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -.65 DEG							
0.		.2820	.2743	.2794	.2719	.2748	.2750	.2817	.2802	.2781	.2782	.2751	.2759	.2754
10.				.2037	.2033	.2028	.2021	.2014	.1997	.1969	.1948	.1984	.1963	.1946
20.			.1597	.1574	.1573	.1611	.1572	.1554	.1574	.1571	.1565	.1552	.1573	.1582
35.	.1349	.1434	.1513	.1437	.1386	.1458	.1411	.1425	.1412	.1414	.1384	.1409	.1404	.1402
50.				.1407	.1431		.1393	.1379	.1386	.1373	.1331	.1332	.1343	.1345
65.		.1419	.1401	.1393	.1407	.1374	.1382	.1352	.1352	.1349	.1326	.1300	.1317	.1311
90.	.1399	.1445	.1131	.1440	.1373	.1367	.1358	.1340	.1366		.1329	.1304	.1281	.1336
115.		.1461	.1292	.1375	.1350	.1373	.1372	.1328	.1322	.1316	.1331	.1314	.1296	.1309
130.				.1356	.1363		.1372	.1336	.1340	.1325	.1386	.1332	.1309	.1309
145.	.1298	.1442	.1308	.1338	.1311	.1412	.1387	.1362	.1334	.1363	.1408	.1436	.1338	.1327
160.			.1423	.1410	.1445	.1497	.1494	.1451	.1447	.1443	.1485	.1447	.1469	.1455
170.				.1757	.1781	.1815	.1845	.1821	.1769	.1747	.1773	.1796	.1743	.1723
180.		.2537	.2453	.2456	.2426	.2443	.2446	.2487	.2475	.2493	.2495	.2474	.2439	.2435
190.				.2651	.2663	.2626	.2656	.2630	.2618	.2656	.2665	.2670	.2659	.2633
200.			.2580	.2518	.2552	.2515	.2474	.2461	.2486	.2512	.2536	.2543	.2522	.2491
215.	.2269	.2421	.2457	.2409	.2340	.2369	.2323	.2328	.2340	.2373	.2390	.2451	.2353	.2340
230.				.2382	.2352		.2281	.2272	.2304	.2313	.2322	.2313	.2294	.2278
245.		.2395	.2290	.2363	.2329	.2276	.2272	.2248	.2268	.2285	.2305	.2295	.2257	.2277
270.	.2426	.2382	.2163	.2397	.2345	.2319	.2306	.2304	.2334		.2297	.2264	.2269	.2321
295.		.2432	.2381	.2425	.2417	.2384	.2407	.2377	.2353	.2335	.2317	.2282	.2339	.2317
310.				.2476	.2471		.2441	.2431	.2419	.2389	.2368	.2348	.2383	.2341
325.	.2472	.2542	.2579	.2542	.2486	.2542	.2508	.2541	.2507	.2508	.2478	.2475	.2458	.2459
340.			.2811	.2740	.2754	.2749	.2729	.2726	.2736	.2687	.2709	.2665	.2680	.2725
350.				.2944	.2931	.2932	.2964	.2982	.2943	.2923	.2926	.2909	.2907	.2946
							FOR ALPHA = .35 DEG							
0.		.2647	.2573	.2604	.2531	.2561	.2572	.2625	.2598	.2597	.2616	.2580	.2576	.2585
10.				.1917	.1911	.1934	.1926	.1910	.1873	.1860	.1866	.1884	.1858	.1853
20.			.1568	.1521	.1536	.1567	.1537	.1491	.1518	.1526	.1535	.1502	.1533	.1539
35.	.1352	.1438	.1524	.1423	.1381	.1440	.1406	.1401	.1390	.1399	.1374	.1405	.1390	.1428
50.				.1411	.1427		.1388	.1371	.1388	.1349	.1328	.1320	.1344	.1346
65.		.1436	.1370	.1407	.1404	.1369	.1384	.1356	.1363	.1337	.1324	.1288	.1328	.1316
90.	.1403	.1458	.1154	.1439	.1378	.1369	.1361	.1350	.1370		.1318	.1298	.1291	.1339
115.		.1445	.1308	.1372	.1360	.1372	.1384	.1345	.1338	.1319	.1317	.1295	.1303	.1305
130.				.1369	.1365		.1386	.1360	.1350	.1331	.1324	.1339	.1318	.1315
145.	.1299	.1447	.1316	.1364	.1326	.1431	.1402	.1376	.1356	.1361	.1387	.1405	.1356	.1334
160.			.1450	.1449	.1463	.1537	.1522	.1496	.1494	.1475	.1516	.1494	.1510	.1497
170.				.1856	.1873	.1894	.1936	.1920	.1866	.1831	.1838	.1890	.1854	.1811
180.		.2712	.2631	.2638	.2596	.2608	.2612	.2663	.2643	.2663	.2678	.2645	.2643	.2615
190.				.2796	.2804	.2799	.2815	.2792	.2762	.2803	.2824	.2829	.2825	.2808
200.			.2698	.2619	.2643	.2673	.2579	.2569	.2590	.2614	.2644	.2607	.2624	.2591
215.	.2325	.2467	.2518	.2468	.2390	.2447	.2395	.2402	.2391	.2450	.2452	.2464	.2412	.2383
230.				.2413	.2397		.2320	.2315	.2345	.2342	.2356	.2345	.2328	.2326
245.		.2401	.2326	.2388	.2344	.2315	.2299	.2281	.2291	.2306	.2325	.2275	.2269	.2299
270.	.2431	.2403	.2124	.2418	.2349	.2327	.2313	.2317	.2340		.2296	.2266	.2257	.2325
295.		.2442	.2344	.2429	.2397	.2365	.2396	.2364	.2331	.2320	.2302	.2251	.2315	.2288
310.				.2468	.2431		.2415	.2397	.2387	.2358	.2332	.2296	.2365	.2348
325.	.2417	.2515	.2565	.2505	.2423	.2493	.2464	.2474	.2445	.2432	.2421	.2408	.2437	.2429
340.			.2706	.2635	.2651	.2653	.2634	.2614	.2627	.2613	.2601	.2558	.2608	.2622
350.				.2777	.2766	.2759	.2824	.2820	.2771	.2770	.2768	.2758	.2762	.2797
							FOR ALPHA = 1.35 DEG							
0.		.2484	.2394	.2426	.2352	.2398	.2405	.2441	.2421	.2432	.2425	.2413	.2401	.2425
10.				.1800	.1833	.1839	.1841	.1803	.1769	.1770	.1778	.1800	.1782	.1796
20.			.1535	.1489	.1502	.1537	.1500	.1456	.1474	.1490	.1522	.1462	.1505	.1524
35.	.1352	.1459	.1444	.1404	.1376	.1435	.1388	.1378	.1392	.1386	.1378	.1388	.1376	.1373
50.				.1403	.1435		.1375	.1366	.1382	.1341	.1325	.1329	.1346	.1330
65.		.1467	.1273	.1419	.1410	.1372	.1379	.1359	.1363	.1332	.1317	.1293	.1339	.1310
90.	.1397	.1451	.1161	.1438	.1383	.1364	.1354	.1355	.1377		.1306	.1292	.1286	.1338
115.		.1438	.1311	.1345	.1360	.1361	.1374	.1347	.1337	.1313	.1308	.1285	.1312	.1310
130.				.1350	.1374		.1382	.1360	.1360	.1333	.1320	.1335	.1322	.1313
145.	.1285	.1446	.1326	.1366	.1340	.1439	.1406	.1394	.1389	.1381	.1385	.1414	.1365	.1353
160.			.1480	.1482	.1496	.1577	.1565	.1532	.1545	.1514	.1559	.1539	.1559	.1528
170.				.1966	.1995	.2006	.2034	.2013	.1982	.1931	.1936	.1978	.1958	.1917
180.		.2898	.2802	.2819	.2767	.2796	.2796	.2849	.2828	.2845	.2863	.2831	.2839	.2839
190.				.2964	.2947	.2966	.2965	.2946	.2914	.2957	.2985	.2980	.2980	.2958
200.			.2800	.2735	.2727	.2735	.2673	.2650	.2680	.2708	.2752	.2712	.2733	.2707
215.	.2377	.2507	.2545	.2525	.2444	.2509	.2434	.2460	.2450	.2494	.2500	.2517	.2469	.2459
230.				.2443	.2424		.2356	.2355	.2379	.2366	.2370	.2357	.2346	.2362
245.		.2398	.2369	.2403	.2369	.2334	.2322	.2307	.2312	.2315	.2320	.2283	.2280	.2314
270.	.2433	.2392	.2238	.2410	.2346	.2335	.2318	.2319	.2333		.2280	.2262	.2253	.2316
295.		.2425	.2321	.2406	.2360	.2358	.2359	.2347	.2319	.2299	.2272	.2225	.2288	.2268
310.				.2444	.2397		.2366	.2367	.2347	.2310	.2276	.2262	.2319	.2299
325.	.2373	.2470	.2495	.2454	.2364	.2445	.2400	.2406	.2378	.2367	.2350	.2358	.2375	.2370
340.			.2601	.2542	.2541	.2551	.2525	.2505	.2502	.2495	.2501	.2448	.2511	.2519
350.				.2629	.2601	.2606	.2672	.2649	.2599	.2616	.2629	.2617	.2624	.2659

TABLE II. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.65 DEG								
0.	.2807	.2815	.2799	.2861	.2813	.2777	.2799	.2782	.2763	.2778	.2799	.2799	.2726	0.
10.		.2020	.1936	.1939	.2031	.2001	.1971	.1978	.1951	.1951	.1970	.1986	.1905	10.
20.	.1623	.1580	.1590	.1612	.1597	.1582	.1597	.1580	.1598	.1569	.1566	.1625	.1537	20.
35.	.1393	.1449	.1413	.1429		.1418	.1410	.1423	.1428	.1409	.1377	.1374	.1396	35.
50.	.1373	.1387	.1364	.1349	.1343	.1361	.1355	.1348	.1364	.1346	.1322	.1429	.1455	50.
65.	.1344	.1372	.1341	.1338	.1328	.1358	.1364	.1328		.1349	.1358	.1416	.1421	65.
90.	.1341	.1343	.1292	.1310	.1288	.1301	.1305	.1294	.1291	.1304	.1329	.1340	.1343	90.
115.	.1379	.1317	.1290	.1303	.1275	.1284	.1272	.1248		.1279	.1282	.1328	.1300	115.
130.	.1399	.1337	.1292	.1296	.1284	.1293	.1289	.1287	.1278	.1284	.1278	.1292	.1309	130.
145.	.1385	.1419	.1295	.1327		.1347	.1348	.1358	.1329	.1330	.1326	.1314	.1239	145.
160.	.1516	.1518	.1480	.1455	.1451	.1436	.1463	.1478	.1482	.1462	.1435	.1490	.1439	160.
170.		.1802	.1787	.1756	.1744	.1743	.1740	.1773	.1732	.1731	.1723	.1765	.1678	170.
180.	.2441	.2502	.2519	.2548	.2468	.2437	.2492	.2473	.2443	.2463	.2466	.2447	.2386	180.
190.		.2658	.2662	.2708	.2744	.2711	.2685	.2674	.2681	.2717	.2647	.2668	.2633	190.
200.	.2501	.2494	.2544	.2576	.2622	.2575	.2548	.2530	.2565	.2585	.2534	.2564	.2523	200.
215.	.2349	.2404	.2345	.2447		.2411	.2412	.2436	.2431	.2422	.2411	.2399	.2271	215.
230.	.2342	.2330	.2325	.2376	.2331	.2329	.2349	.2353	.2342	.2337	.2349	.2384	.2268	230.
245.	.2315	.2305	.2304	.2352	.2311	.2319	.2333	.2305		.2297	.2367	.2401	.2259	245.
270.	.2317	.2360	.2329	.2348	.2329	.2337	.2348	.2342	.2319	.2311	.2355	.2330	.2279	270.
295.	.2393	.2428	.2399	.2383	.2408	.2443	.2447	.2401		.2355	.2367	.2380	.2317	295.
310.	.2452	.2482	.2441	.2458	.2453	.2477	.2484	.2472	.2474	.2426	.2403	.2410	.2360	310.
325.	.2496	.2600	.2544	.2585		.2576	.2588	.2587	.2606	.2575	.2505	.2495	.2384	325.
340.	.2754	.2748	.2831	.2801	.2785	.2770	.2805	.2796	.2821	.2809	.2746	.2714	.2705	340.
350.		.2980	.2985	.3026	.3014	.2971	.3019	.3008	.2983	.3014	.2974	.2944	.2855	350.
						FOR ALPHA = .35 DEG								
0.	.2619	.2633	.2625	.2679	.2620	.2589	.2626	.2587	.2574	.2605	.2622	.2595	.2541	0.
10.		.1912	.1826	.1848	.1907	.1888	.1855	.1861	.1848	.1863	.1858	.1869	.1811	10.
20.	.1589	.1539	.1542	.1586	.1554	.1539	.1539	.1520	.1541	.1522	.1536	.1561	.1501	20.
35.	.1388	.1433	.1389	.1409		.1400	.1393	.1410	.1391	.1387	.1347	.1364	.1381	35.
50.	.1376	.1376	.1365	.1340	.1339	.1355	.1350	.1360	.1347	.1340	.1304	.1419	.1462	50.
65.	.1349	.1372	.1345	.1334	.1337	.1353	.1353	.1317		.1341	.1362	.1423	.1408	65.
90.	.1344	.1337	.1291	.1312	.1297	.1303	.1311	.1290	.1295	.1309	.1337	.1353	.1345	90.
115.	.1388	.1315	.1287	.1302	.1288	.1284	.1284	.1244		.1283	.1290	.1324	.1309	115.
130.	.1407	.1335	.1296	.1314	.1295	.1291	.1288	.1293	.1287	.1289	.1281	.1290	.1300	130.
145.	.1406	.1433	.1320	.1340		.1358	.1356	.1358	.1351	.1339	.1336	.1327	.1255	145.
160.	.1548	.1561	.1537	.1498	.1486	.1479	.1492	.1506	.1521	.1504	.1471	.1516	.1489	160.
170.		.1878	.1892	.1835	.1846	.1827	.1833	.1862	.1833	.1836	.1793	.1857	.1783	170.
180.	.2610	.2652	.2696	.2720	.2648	.2614	.2658	.2637	.2633	.2630	.2649	.2626	.2564	180.
190.		.2798	.2806	.2862	.2879	.2864	.2852	.2826	.2819	.2868	.2817	.2803	.2780	190.
200.	.2626	.2593	.2640	.2645	.2714	.2685	.2666	.2634	.2675	.2684	.2653	.2675	.2627	200.
215.	.2411	.2465	.2413	.2503		.2464	.2462	.2494	.2481	.2480	.2472	.2470	.2338	215.
230.	.2377	.2357	.2355	.2411	.2376	.2366	.2377	.2380	.2378	.2370	.2393	.2437	.2309	230.
245.	.2331	.2327	.2330	.2365	.2336	.2334	.2360	.2329		.2314	.2368	.2429	.2289	245.
270.	.2326	.2357	.2346	.2371	.2339	.2346	.2360	.2351	.2326	.2323	.2363	.2333	.2286	270.
295.	.2391	.2409	.2406	.2394	.2389	.2423	.2438	.2392		.2346	.2358	.2363	.2318	295.
310.	.2421	.2490	.2430	.2434	.2413	.2447	.2461	.2443	.2446	.2403	.2357	.2379	.2329	310.
325.	.2441	.2538	.2502	.2522		.2539	.2527	.2536	.2557	.2516	.2433	.2448	.2363	325.
340.	.2653	.2659	.2724	.2694	.2687	.2676	.2705	.2685	.2717	.2711	.2622	.2631	.2623	340.
350.		.2835	.2830	.2880	.2839	.2831	.2859	.2858	.2841	.2860	.2806	.2776	.2699	350.
						FOR ALPHA = 1.35 DEG								
0.	.2439	.2454	.2456	.2500	.2451	.2420	.2445	.2410	.2411	.2433	.2460	.2428	.2372	0.
10.		.1810	.1735	.1770	.1814	.1790	.1766	.1763	.1752	.1793	.1757	.1789	.1732	10.
20.	.1556	.1483	.1502	.1534	.1519	.1479	.1489	.1492	.1496	.1505	.1487	.1504	.1484	20.
35.	.1377	.1414	.1382	.1413		.1384	.1379	.1393	.1373	.1368	.1339	.1380	.1385	35.
50.	.1378	.1373	.1363	.1350	.1337	.1346	.1350	.1354	.1340	.1323	.1302	.1430	.1454	50.
65.	.1351	.1373	.1341	.1331	.1335	.1351	.1352	.1332		.1323	.1377	.1439	.1401	65.
90.	.1343	.1335	.1285	.1306	.1298	.1300	.1309	.1291	.1287	.1306	.1340	.1357	.1335	90.
115.	.1383	.1302	.1272	.1299	.1288	.1280	.1278	.1241		.1271	.1281	.1325	.1305	115.
130.	.1412	.1332	.1284	.1313	.1295	.1283	.1283	.1282	.1284	.1284	.1286	.1304	.1306	130.
145.	.1417	.1436	.1325	.1358		.1357	.1354	.1367	.1357	.1356	.1347	.1332	.1258	145.
160.	.1582	.1590	.1575	.1539	.1519	.1517	.1532	.1566	.1574	.1546	.1518	.1557	.1526	160.
170.		.1953	.1970	.1946	.1934	.1931	.1925	.1957	.1938	.1951	.1885	.1946	.1877	170.
180.	.2801	.2826	.2862	.2909	.2832	.2796	.2828	.2829	.2810	.2810	.2834	.2804	.2752	180.
190.		.2949	.2937	.3006	.3035	.3017	.2997	.2982	.2970	.3029	.2979	.2955	.2931	190.
200.	.2724	.2685	.2748	.2752	.2808	.2785	.2759	.2737	.2776	.2772	.2761	.2775	.2743	200.
215.	.2463	.2513	.2463	.2558		.2514	.2519	.2549	.2537	.2526	.2517	.2525	.2397	215.
230.	.2408	.2392	.2390	.2448	.2400	.2390	.2408	.2412	.2406	.2389	.2418	.2471	.2338	230.
245.	.2344	.2340	.2349	.2390	.2352	.2348	.2373	.2341		.2332	.2386	.2436	.2305	245.
270.	.2314	.2352	.2336	.2356	.2341	.2348	.2355	.2346	.2326	.2314	.2358	.2328	.2281	270.
295.	.2376	.2407	.2379	.2371	.2381	.2397	.2420	.2385		.2317	.2346	.2341	.2298	295.
310.	.2400	.2416	.2399	.2383	.2391	.2401	.2428	.2420	.2414	.2354	.2324	.2345	.2291	310.
325.	.2401	.2490	.2445	.2463		.2461	.2473	.2481	.2488	.2436	.2368	.2384	.2288	325.
340.	.2565	.2544	.2624	.2600	.2579	.2568	.2596	.2592	.2618	.2594	.2519	.2531	.2507	340.
350.		.2679	.2692	.2718	.2678	.2677	.2710	.2698	.2689	.2705	.2654	.2610	.2555	350.

TABLE II. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 2.35 DEG							
0.		.2329	.2224	.2257	.2202	.2239	.2245	.2266	.2251	.2271	.2289	.2251	.2253	.2256
10.				.1721	.1723	.1764	.1734	.1714	.1697	.1707	.1697	.1716	.1694	.1710
20.			.1478	.1443	.1471	.1500	.1442	.1432	.1441	.1469	.1460	.1424	.1459	.1484
35.	.1356	.1452	.1426	.1391	.1363	.1413	.1364	.1363	.1356	.1387	.1360	.1380	.1380	.1361
50.				.1422	.1417		.1367	.1348	.1358	.1331	.1316	.1343	.1346	.1320
65.		.1473	.1233	.1449	.1393	.1376	.1360	.1343	.1341	.1314	.1309	.1300	.1325	.1305
90.	.1397	.1433	.1173	.1417	.1372	.1361	.1347	.1355	.1366		.1295	.1287	.1281	.1333
115.		.1417	.1354	.1317	.1369	.1363	.1368	.1353	.1343	.1314	.1293	.1276	.1304	.1316
130.				.1339	.1377		.1381	.1370	.1368	.1332	.1310	.1325	.1325	.1314
145.	.1292	.1446	.1384	.1379	.1340	.1456	.1416	.1411	.1399	.1403	.1392	.1415	.1378	.1361
160.			.1533	.1524	.1541	.1616	.1604	.1574	.1595	.1567	.1599	.1588	.1603	.1584
170.				.2094	.2105	.2131	.2141	.2114	.2098	.2047	.2039	.2093	.2083	.2016
180.		.3084	.2984	.3024	.2954	.2986	.2989	.3033	.3028	.3042	.3036	.3026	.3041	.3003
190.				.3136	.3108	.3113	.3119	.3097	.3056	.3096	.3131	.3140	.3141	.3113
200.			.2894	.2834	.2819	.2832	.2769	.2763	.2786	.2795	.2840	.2792	.2829	.2792
215.	.2443	.2543	.2600	.2571	.2499	.2556	.2496	.2524	.2511	.2517	.2547	.2558	.2501	.2512
230.				.2467	.2449		.2395	.2377	.2401	.2376	.2386	.2397	.2375	.2389
245.		.2394	.2385	.2389	.2369	.2353	.2340	.2326	.2324	.2306	.2324	.2294	.2303	.2308
270.	.2421	.2378	.2311	.2380	.2339	.2320	.2321	.2313	.2328		.2269	.2250	.2242	.2304
295.		.2415	.2228	.2393	.2360	.2340	.2351	.2322	.2291	.2264	.2237	.2222	.2263	.2264
310.				.2401	.2352		.2341	.2317	.2301	.2273	.2243	.2242	.2282	.2271
325.	.2324	.2423	.2487	.2399	.2298	.2393	.2342	.2345	.2308	.2319	.2287	.2293	.2302	.2316
340.			.2507	.2446	.2429	.2463	.2429	.2404	.2408	.2396	.2458	.2359	.2421	.2442
350.				.2484	.2450	.2462	.2517	.2483	.2447	.2480	.2472	.2473	.2494	.2512
							FOR ALPHA = 3.35 DEG							
0.		.2171	.2062	.2098	.2048	.2090	.2078	.2106	.2104	.2120	.2137	.2124	.2123	.2112
10.				.1624	.1644	.1662	.1639	.1626	.1615	.1626	.1618	.1626	.1602	.1616
20.			.1422	.1403	.1446	.1452	.1411	.1374	.1412	.1423	.1429	.1391	.1435	.1443
35.	.1339	.1451	.1330	.1382	.1350	.1393	.1344	.1323	.1350	.1369	.1342	.1357	.1364	.1335
50.				.1404	.1397		.1347	.1321	.1349	.1325	.1317	.1314	.1330	.1292
65.		.1476	.1163	.1444	.1398	.1363	.1341	.1319	.1327	.1311	.1311	.1285	.1318	.1280
90.	.1385	.1412	.1174	.1380	.1375	.1347	.1326	.1335	.1348		.1286	.1274	.1270	.1315
115.		.1381	.1344	.1307	.1375	.1344	.1354	.1361	.1334	.1294	.1278	.1257	.1295	.1305
130.				.1336	.1381		.1366	.1367	.1366	.1316	.1290	.1303	.1323	.1324
145.	.1295	.1424	.1381	.1386	.1334	.1455	.1416	.1412	.1407	.1398	.1385	.1401	.1385	.1375
160.			.1567	.1553	.1581	.1650	.1637	.1602	.1643	.1620	.1627	.1609	.1647	.1629
170.				.2202	.2215	.2248	.2246	.2216	.2214	.2173	.2142	.2202	.2186	.2135
180.		.3275	.3168	.3224	.3148	.3188	.3186	.3235	.3224	.3236	.3249	.3227	.3235	.3214
190.				.3284	.3258	.3281	.3294	.3265	.3237	.3257	.3304	.3311	.3304	.3284
200.			.2980	.2932	.2919	.2937	.2886	.2846	.2885	.2874	.2943	.2897	.2925	.2914
215.	.2500	.2610	.2616	.2621	.2548	.2619	.2564	.2576	.2557	.2573	.2600	.2605	.2566	.2562
230.				.2484	.2492		.2434	.2409	.2432	.2406	.2408	.2399	.2390	.2391
245.		.2425	.2427	.2385	.2394	.2359	.2357	.2340	.2329	.2320	.2324	.2292	.2300	.2318
270.	.2416	.2366	.2350	.2371	.2341	.2323	.2316	.2300	.2324		.2259	.2248	.2239	.2283
295.		.2367	.2173	.2357	.2326	.2320	.2306	.2270	.2271	.2219	.2218	.2214	.2261	.2275
310.				.2346	.2314		.2293	.2260	.2271	.2221	.2196	.2235	.2264	.2287
325.	.2274	.2371	.2408	.2333	.2253	.2321	.2263	.2259	.2261	.2254	.2235	.2267	.2275	.2310
340.			.2392	.2343	.2349	.2361	.2297	.2304	.2318	.2316	.2315	.2282	.2345	.2353
350.				.2334	.2326	.2326	.2356	.2348	.2325	.2351	.2339	.2342	.2367	.2365
							FOR ALPHA = 5.35 DEG							
0.		.1889	.1785	.1804	.1771	.1816	.1800	.1810	.1817	.1842	.1843	.1796	.1824	.1822
10.				.1461	.1483	.1484	.1486	.1466	.1476	.1472	.1463	.1456	.1470	.1458
20.			.1269	.1353	.1373	.1355	.1310	.1317	.1356	.1344	.1348	.1320	.1301	.1312
35.	.1313	.1417	.1131	.1391	.1290	.1315	.1266	.1296	.1314	.1319	.1295	.1330	.1299	.1230
50.				.1415	.1353		.1274	.1293	.1314	.1297	.1271	.1297	.1279	.1219
65.		.1398	.1093	.1420	.1349	.1301	.1282	.1287	.1296	.1287	.1268	.1273	.1264	.1216
90.	.1353	.1320	.1174	.1332	.1334	.1298	.1277	.1289	.1301		.1243	.1251	.1229	.1261
115.		.1294	.1336	.1289	.1333	.1297	.1318	.1300	.1288	.1254	.1240	.1222	.1267	.1289
130.				.1334	.1357		.1333	.1344	.1337	.1283	.1314	.1274	.1305	.1321
145.	.1308	.1386	.1375	.1377	.1366	.1448	.1415	.1414	.1397	.1410	.1383	.1407	.1400	.1396
160.			.1628	.1642	.1689	.1732	.1720	.1686	.1727	.1711	.1722	.1704	.1723	.1715
170.				.2465	.2480	.2527	.2487	.2468	.2451	.2422	.2395	.2455	.2415	.2359
180.		.3688	.3570	.3640	.3584	.3608	.3603	.3656	.3648	.3659	.3663	.3651	.3651	.3634
190.				.3602	.3617	.3630	.3641	.3603	.3578	.3601	.3638	.3637	.3622	.3617
200.			.3139	.3121	.3126	.3140	.3086	.3047	.3101	.3099	.3149	.3090	.3121	.3138
215.	.2610	.2710	.2682	.2697	.2620	.2712	.2659	.2650	.2658	.2666	.2686	.2691	.2662	.2665
230.				.2503	.2522		.2474	.2454	.2473	.2426	.2425	.2435	.2439	.2436
245.		.2419	.2496	.2372	.2406	.2351	.2370	.2344	.2325	.2299	.2321	.2275	.2315	.2311
270.	.2385	.2323	.2320	.2333	.2327	.2273	.2258	.2273	.2280		.2215	.2223	.2209	.2266
295.		.2289	.2063	.2290	.2281	.2234	.2212	.2202	.2201	.2151	.2151	.2171	.2197	.2237
310.				.2287	.2240		.2170	.2163	.2177	.2120	.2111	.2149	.2176	.2175
325.	.2143	.2237	.2147	.2227	.2141	.2154	.2113	.2129	.2139	.2117	.2084	.2143	.2154	.2151
340.			.2162	.2154	.2165	.2127	.2097	.2109	.2123	.2089	.2098	.2098	.2137	.2136
350.				.2056	.2062	.2036	.2073	.2069	.2041	.2060	.2056	.2062	.2083	.2100

TABLE II. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -2.35 DEG								
0.	.2282	.2306	.2298	.2318	.2279	.2257	.2274	.2262	.2259	.2282	.2282	.2253	.2217	0.
10.		.1708	.1635	.1674	.1723	.1688	.1681	.1687	.1674	.1703	.1652	.1690	.1636	10.
20.	.1500	.1422	.1462	.1487	.1466	.1433	.1454	.1432	.1466	.1462	.1443	.1479	.1467	20.
35.	.1355	.1393	.1363	.1385		.1365	.1359	.1363	.1348	.1340	.1342	.1395	.1410	35.
50.	.1354	.1364	.1339	.1337	.1325	.1332	.1341	.1330	.1321	.1300	.1326	.1426	.1420	50.
65.	.1337	.1374	.1337	.1331	.1326	.1337	.1347	.1323		.1304	.1384	.1448	.1378	65.
90.	.1328	.1329	.1262	.1304	.1288	.1296	.1304	.1286	.1285	.1301	.1344	.1358	.1322	90.
115.	.1377	.1291	.1258	.1283	.1284	.1284	.1282	.1230		.1273	.1278	.1336	.1302	115.
130.	.1404	.1330	.1282	.1312	.1304	.1287	.1290	.1281	.1290	.1284	.1287	.1296	.1309	130.
145.	.1420	.1446	.1341	.1363		.1371	.1362	.1371	.1364	.1360	.1361	.1342	.1264	145.
160.	.1634	.1623	.1627	.1593	.1569	.1554	.1589	.1590	.1624	.1593	.1552	.1594	.1563	160.
170.		.2065	.2085	.2041	.2035	.2026	.2035	.2059	.2050	.2058	.2003	.2048	.1992	170.
180.	.2998	.3009	.3038	.3096	.3016	.2986	.3017	.3014	.3002	.3004	.3034	.2995	.2935	180.
190.		.3109	.3089	.3146	.3195	.3165	.3168	.3138	.3126	.3168	.3125	.3118	.3072	190.
200.	.2835	.2777	.2850	.2848	.2898	.2884	.2871	.2848	.2872	.2872	.2853	.2877	.2844	200.
215.	.2503	.2567	.2518	.2606		.2575	.2560	.2594	.2581	.2572	.2585	.2592	.2458	215.
230.	.2424	.2405	.2405	.2454	.2431	.2410	.2439	.2441	.2427	.2417	.2448	.2503	.2356	230.
245.	.2349	.2344	.2341	.2389	.2345	.2364	.2393	.2349		.2348	.2380	.2443	.2310	245.
270.	.2312	.2358	.2334	.2352	.2331	.2348	.2343	.2347	.2327	.2313	.2357	.2320	.2270	270.
295.	.2363	.2390	.2345	.2353	.2353	.2394	.2398	.2363		.2299	.2320	.2315	.2279	295.
310.	.2364	.2401	.2361	.2362	.2359	.2388	.2390	.2382	.2368	.2301	.2306	.2303	.2263	310.
325.	.2347	.2444	.2375	.2401		.2404	.2409	.2426	.2418	.2362	.2323	.2327	.2227	325.
340.	.2464	.2463	.2532	.2478	.2483	.2472	.2502	.2483	.2523	.2477	.2399	.2423	.2404	340.
350.		.2548	.2558	.2553	.2535	.2544	.2577	.2558	.2531	.2571	.2492	.2459	.2443	350.
						FOR ALPHA = 3.35 DEG								
0.	.2186	.2157	.2135	.2157	.2130	.2089	.2122	.2109	.2110	.2124	.2110	.2094	.2066	0.
10.		.1614	.1550	.1606	.1630	.1611	.1583	.1597	.1595	.1612	.1583	.1609	.1543	10.
20.	.1442	.1361	.1437	.1443	.1418	.1388	.1396	.1393	.1426	.1420	.1392	.1423	.1445	20.
35.	.1319	.1375	.1320	.1354		.1344	.1334	.1340	.1321	.1337	.1312	.1381	.1377	35.
50.	.1343	.1356	.1320	.1324	.1306	.1318	.1324	.1307	.1303	.1282	.1344	.1447	.1366	50.
65.	.1332	.1359	.1322	.1320	.1312	.1321	.1326	.1306		.1296	.1389	.1464	.1331	65.
90.	.1308	.1304	.1276	.1291	.1277	.1278	.1293	.1278	.1270	.1292	.1339	.1358	.1292	90.
115.	.1345	.1257	.1248	.1278	.1269	.1271	.1269	.1218		.1265	.1265	.1327	.1278	115.
130.	.1384	.1296	.1269	.1306	.1289	.1278	.1283	.1268	.1276	.1281	.1275	.1295	.1285	130.
145.	.1424	.1434	.1338	.1371		.1372	.1357	.1369	.1361	.1369	.1360	.1343	.1287	145.
160.	.1673	.1667	.1666	.1635	.1609	.1594	.1624	.1626	.1658	.1633	.1594	.1645	.1613	160.
170.		.2181	.2176	.2152	.2131	.2135	.2128	.2167	.2162	.2152	.2103	.2148	.2105	170.
180.	.3201	.3208	.3217	.3288	.3211	.3182	.3215	.3205	.3203	.3201	.3229	.3192	.3136	180.
190.		.3262	.3233	.3298	.3362	.3327	.3315	.3295	.3279	.3329	.3298	.3283	.3237	190.
200.	.2935	.2878	.2942	.2961	.2993	.2978	.2963	.2943	.2977	.2973	.2961	.2995	.2934	200.
215.	.2558	.2622	.2562	.2671		.2621	.2612	.2651	.2632	.2632	.2624	.2633	.2488	215.
230.	.2448	.2427	.2436	.2492	.2444	.2435	.2457	.2465	.2451	.2444	.2471	.2514	.2376	230.
245.	.2361	.2355	.2382	.2394	.2362	.2376	.2393	.2366		.2356	.2400	.2439	.2317	245.
270.	.2300	.2345	.2331	.2343	.2333	.2339	.2337	.2344	.2306	.2298	.2344	.2306	.2254	270.
295.	.2344	.2375	.2327	.2336	.2332	.2372	.2358	.2336		.2269	.2285	.2298	.2239	295.
310.	.2345	.2367	.2312	.2313	.2322	.2332	.2335	.2355	.2305	.2250	.2262	.2271	.2218	310.
325.	.2297	.2384	.2295	.2343		.2342	.2348	.2378	.2331	.2264	.2280	.2273	.2174	325.
340.	.2364	.2358	.2421	.2363	.2379	.2367	.2406	.2393	.2408	.2351	.2296	.2349	.2307	340.
350.		.2414	.2404	.2397	.2393	.2398	.2439	.2403	.2409	.2407	.2319	.2311	.2313	350.
						FOR ALPHA = 5.35 DEG								
0.	.1839	.1836	.1832	.1868	.1823	.1801	.1832	.1818	.1818	.1820	.1812	.1819	.1790	0.
10.		.1399	.1428	.1455	.1463	.1422	.1434	.1466	.1430	.1455	.1428	.1430	.1399	10.
20.	.1298	.1314	.1368	.1332	.1315	.1295	.1315	.1327	.1334	.1331	.1308	.1402	.1391	20.
35.	.1263	.1318	.1271	.1302		.1268	.1274	.1276	.1278	.1270	.1349	.1391	.1229	35.
50.	.1321	.1300	.1273	.1270	.1266	.1277	.1276	.1256	.1239	.1299	.1353	.1384	.1255	50.
65.	.1319	.1305	.1281	.1264	.1270	.1283	.1295	.1262		.1303	.1396	.1363	.1245	65.
90.	.1252	.1266	.1242	.1254	.1238	.1245	.1255	.1239	.1239	.1279	.1308	.1309	.1222	90.
115.	.1251	.1201	.1232	.1249	.1233	.1239	.1231	.1188		.1237	.1240	.1310	.1215	115.
130.	.1312	.1244	.1243	.1277	.1259	.1249	.1237	.1248	.1261	.1267	.1245	.1274	.1258	130.
145.	.1408	.1412	.1344	.1384		.1360	.1359	.1369	.1359	.1383	.1369	.1344	.1324	145.
160.	.1776	.1733	.1728	.1737	.1701	.1700	.1715	.1699	.1754	.1726	.1694	.1746	.1719	160.
170.		.2445	.2379	.2360	.2346	.2368	.2369	.2412	.2400	.2393	.2328	.2392	.2319	170.
180.	.3635	.3642	.3640	.3698	.3621	.3596	.3625	.3614	.3618	.3623	.3643	.3611	.3540	180.
190.		.3583	.3573	.3637	.3709	.3652	.3632	.3652	.3622	.3672	.3626	.3616	.3581	190.
200.	.3127	.3085	.3154	.3169	.3178	.3171	.3148	.3169	.3181	.3184	.3163	.3224	.3138	200.
215.	.2641	.2725	.2680	.2746		.2721	.2714	.2735	.2714	.2729	.2748	.2728	.2553	215.
230.	.2467	.2467	.2492	.2506	.2473	.2479	.2507	.2481	.2472	.2501	.2517	.2508	.2379	230.
245.	.2340	.2382	.2396	.2396	.2369	.2381	.2398	.2360		.2380	.2415	.2391	.2300	245.
270.	.2274	.2329	.2318	.2326	.2302	.2299	.2320	.2305	.2259	.2286	.2300	.2243	.2227	270.
295.	.2301	.2291	.2273	.2277	.2274	.2283	.2327	.2255		.2226	.2208	.2241	.2177	295.
310.	.2271	.2252	.2219	.2234	.2230	.2242	.2264	.2230	.2168	.2184	.2163	.2172	.2131	310.
325.	.2177	.2221	.2165	.2208		.2209	.2229	.2222	.2144	.2145	.2156	.2123	.2025	325.
340.	.2195	.2163	.2179	.2174	.2187	.2173	.2194	.2192	.2171	.2096	.2095	.2148	.2080	340.
350.		.2121	.2112	.2115	.2140	.2134	.2135	.2132	.2103	.2085	.2019	.2080	.2052	350.

TABLE II. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 10.35 DEG								
0.		.1312	.1172	.1266	.1222	.1232	.1202	.1231	.1247	.1249	.1226	.1187	.1200	.1172
10.				.1159	.1160	.1152	.1157	.1136	.1148	.1130	.1064	.1040	.1072	.1069
20.			.0919	.1193	.1162	.1144	.1120	.1116	.1129	.1096	.1042	.1028	.1054	.1041
35.	.1091	.1234	.0984	.1219	.1121	.1142	.1108	.1135	.1124	.1076	.1024	.1062	.1053	.1018
50.				.1167	.1172		.1135	.1132	.1129	.1062	.1010	.1050	.1045	.1020
65.		.1168	.0911	.1090	.1177	.1146	.1147	.1148	.1135	.1064	.1019	.1048	.1038	.1031
90.	.1116	.1109	.1075	.1071	.1098	.1079	.1091	.1105	.1131		.1050	.1025	.0995	.1027
115.		.1159	.1166	.1057	.1084	.1059	.1114	.1119	.1100	.1091	.1107	.1074	.1006	.0990
130.				.1134	.1143		.1130	.1163	.1182	.1156	.1168	.1140	.1075	.1055
145.	.1243	.1434	.1400	.1285	.1264	.1342	.1316	.1322	.1325	.1372	.1426	.1392	.1285	.1236
160.			.1869	.1905	.1877	.1906	.1916	.1908	.1961	.1947	.1995	.1986	.1940	.1903
170.				.3235	.3207	.3210	.3210	.3151	.3138	.3106	.3126	.3164	.3098	.3036
180.		.4899	.4729	.4817	.4725	.4724	.4759	.4783	.4784	.4817	.4859	.4811	.4823	.4787
190.				.4500	.4515	.4532	.4517	.4510	.4499	.4499	.4519	.4541	.4494	.4486
200.			.3564	.3590	.3605	.3622	.3576	.3549	.3625	.3632	.3678	.3601	.3632	.3684
215.	.2801	.2945	.2846	.2855	.2825	.2878	.2797	.2817	.2821	.2880	.2913	.2872	.2844	.2871
230.				.2505	.2541		.2436	.2446	.2475	.2477	.2485	.2444	.2468	.2507
245.		.2352	.2324	.2294	.2347	.2277	.2258	.2229	.2232	.2258	.2264	.2200	.2259	.2310
270.	.2195	.2110	.2115	.2131	.2142	.2091	.2047	.2069	.2131		.2115	.2095	.2064	.2171
295.		.1989	.1882	.2013	.2032	.1975	.1968	.1969	.1983	.1976	.2004	.1990	.1980	.1969
310.				.1956	.1919		.1862	.1861	.1879	.1874	.1878	.1882	.1864	.1866
325.	.1711	.1792	.1779	.1860	.1734	.1768	.1710	.1730	.1753	.1757	.1764	.1761	.1736	.1748
340.			.1690	.1658	.1644	.1587	.1532	.1570	.1583	.1592	.1599	.1591	.1583	.1578
350.				.1458	.1451	.1375	.1403	.1403	.1417	.1432	.1420	.1425	.1429	.1423
						FOR ALPHA = 15.35 DEG								
0.		.0949	.0793	.0860	.0801	.0812	.0774	.0795	.0791	.0805	.0771	.0762	.0766	.0760
10.				.0954	.0834	.0787	.0835	.0832	.0823	.0833	.0784	.0790	.0787	.0779
20.			.0681	.0977	.0841	.0780	.0814	.0807	.0808	.0811	.0776	.0763	.0785	.0781
35.	.0754	.0897	.0645	.0876	.0766	.0763	.0762	.0769	.0764	.0777	.0741	.0743	.0768	.0764
50.				.0802	.0781		.0760	.0754	.0745	.0730	.0742	.0727	.0743	.0750
65.		.0814	.0764	.0771	.0778	.0721	.0784	.0775	.0754	.0728	.0730	.0731	.0736	.0745
90.	.0795	.0740	.0721	.0718	.0727	.0720	.0747	.0762	.0777		.0759	.0712	.0691	.0734
115.		.0832	.0734	.0717	.0781	.0822	.0839	.0818	.0802	.0802	.0783	.0745	.0760	.0774
130.				.0863	.0895		.0902	.0905	.0921	.0939	.0902	.0882	.0877	.0907
145.	.1226	.1330	.1309	.1182	.1200	.1308	.1266	.1209	.1225	.1275	.1268	.1261	.1290	.1279
160.			.2191	.2223	.2220	.2263	.2264	.2219	.2275	.2295	.2264	.2221	.2276	.2324
170.				.4085	.4067	.4116	.4095	.4020	.4024	.3969	.3905	.3927	.3894	.3895
180.		.6222	.6023	.6052	.5950	.5996	.6036	.6107	.6112	.6146	.6142	.6104	.6125	.6122
190.				.5484	.5412	.5460	.5495	.5534	.5528	.5536	.5545	.5562	.5535	.5523
200.			.4064	.4030	.4025	.4055	.4068	.4152	.4253	.4248	.4309	.4238	.4275	.4266
215.	.2990	.3157	.3076	.2943	.2897	.2978	.2947	.3043	.3126	.3155	.3153	.3152	.3084	.3053
230.				.2435	.2402		.2383	.2500	.2588	.2532	.2485	.2529	.2486	.2454
245.		.2191	.2168	.2093	.2122	.2051	.2115	.2212	.2246	.2203	.2195	.2160	.2169	.2156
270.	.1920	.1784	.1804	.1832	.1830	.1794	.1828	.1882	.1940		.1886	.1869	.1842	.1873
295.		.1561	.1642	.1670	.1665	.1636	.1671	.1634	.1664	.1649	.1633	.1647	.1645	.1598
310.				.1493	.1483		.1464	.1444	.1477	.1473	.1455	.1465	.1452	.1386
325.	.1174	.1233	.1281	.1329	.1241	.1256	.1230	.1229	.1273	.1291	.1241	.1245	.1222	.1183
340.			.1034	.1040	.1026	.0993	.0984	.0996	.1019	.1004	.0973	.0982	.0982	.0952
350.				.0830	.0841	.0786	.0864	.0839	.0811	.0808	.0768	.0774	.0807	.0778
						FOR ALPHA = 20.35 DEG								
0.		.0583	.0431	.0566	.0540	.0553	.0533	.0544	.0536	.0524	.0531	.0550	.0539	.0490
10.				.0703	.0642	.0605	.0609	.0600	.0589	.0598	.0614	.0632	.0555	.0535
20.			.0379	.0601	.0579	.0540	.0525	.0521	.0519	.0561	.0602	.0568	.0533	.0519
35.	.0302	.0548	.0316	.0424	.0416	.0429	.0395	.0402	.0405	.0435	.0474	.0468	.0448	.0433
50.				.0342	.0360		.0338	.0337	.0338	.0375	.0422	.0408	.0387	.0380
65.		.0338	.0264	.0311	.0349	.0323	.0348	.0349	.0356	.0356	.0420	.0435	.0381	.0365
90.	.0301	.0223	.0185	.0207	.0222	.0231	.0263	.0302	.0359		.0361	.0407	.0343	.0340
115.		.0481	.0311	.0328	.0372	.0336	.0380	.0405	.0447	.0467	.0462	.0396	.0522	.0440
130.				.0561	.0596		.0570	.0589	.0645	.0677	.0672	.0637	.0742	.0678
145.	.1229	.1278	.1250	.1232	.1226	.1268	.1207	.1205	.1270	.1295	.1305	.1325	.1325	.1362
160.			.2623	.2660	.2695	.2721	.2659	.2644	.2791	.2773	.2829	.2790	.2795	.2879
170.				.5077	.5061	.5090	.5018	.4972	.4973	.4899	.4881	.4931	.4895	.4854
180.		.7632	.7484	.7445	.7331	.7373	.7423	.7441	.7490	.7504	.7521	.7519	.7552	.7553
190.				.6563	.6501	.6580	.6628	.6631	.6579	.6582	.6572	.6620	.6619	.6594
200.			.4709	.4652	.4624	.4710	.4749	.4773	.4847	.4808	.4910	.4841	.4890	.4920
215.	.3182	.3346	.3279	.3080	.3116	.3225	.3185	.3198	.3255	.3309	.3334	.3382	.3295	.3253
230.				.2399	.2338		.2360	.2438	.2485	.2478	.2485	.2497	.2425	.2364
245.		.2067	.1921	.1903	.1908	.1916	.1986	.2042	.2039	.2006	.2022	.1965	.1940	.1915
270.	.1564	.1411	.1449	.1458	.1460	.1478	.1533	.1563	.1577		.1546	.1535	.1497	.1544
295.		.1099	.1154	.1200	.1223	.1222	.1268	.1236	.1197	.1189	.1205	.1193	.1196	.1189
310.				.0955	.0923		.0982	.0928	.0903	.0935	.0923	.0926	.0915	.0913
325.	.0544	.0609	.0652	.0659	.0630	.0676	.0714	.0640	.0631	.0667	.0647	.0657	.0649	.0641
340.			.0323	.0375	.0364	.0397	.0387	.0327	.0338	.0391	.0361	.0393	.0328	.0359
350.				.0340	.0353	.0338	.0360	.0299	.0284	.0331	.0285	.0305	.0314	.0363

TABLE II. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.35 DEG								
0.	.1186	.1235	.1237	.1258	.1219	.1190	.1228	.1219	.1215	.1250	.1279	.1322	.1287	0.
10.		.1098	.1101	.1113	.1106	.1116	.1121	.1094	.1144	.1236	.1175	.1145	.1117	10.
20.	.1066	.1062	.1113	.1096	.1083	.1088	.1103	.1126	.1188	.1130	.1113	.1159	.1123	20.
35.	.1041	.1084	.1048	.1096		.1074	.1150	.1212	.1134	.1096	.1098	.1081	.1025	35.
50.	.1100	.1095	.1062	.1065	.1066	.1074	.1161	.1225	.1156	.1093	.1078	.1077	.1049	50.
65.	.1117	.1109	.1087	.1082	.1063	.1077	.1191	.1242		.1088	.1093	.1106	.1062	65.
90.	.1063	.1098	.1078	.1082	.1059	.1061	.1115	.1132	.1109	.1040	.1054	.1048	.1037	90.
115.	.1064	.1074	.1085	.1080	.1055	.1074	.1111	.1071		.1051	.1012	.1074	.1056	115.
130.	.1131	.1138	.1123	.1122	.1090	.1119	.1166	.1168	.1173	.1157	.1083	.1094	.1091	130.
145.	.1311	.1385	.1333	.1330		.1337	.1354	.1353	.1335	.1389	.1385	.1332	.1249	145.
160.	.1975	.1978	.2011	.1978	.1974	.1959	.1968	.1967	.2014	.2013	.2009	.2082	.1944	160.
170.		.3037	.2990	.3001	.3049	.3058	.3060	.3088	.3043	.3088	.3025	.3059	.2971	170.
180.	.4793	.4798	.4818	.4832	.4781	.4751	.4799	.4785	.4804	.4789	.4783	.4754	.4670	180.
190.		.4522	.4527	.4546	.4550	.4521	.4540	.4559	.4561	.4604	.4505	.4484	.4408	190.
200.	.3703	.3665	.3693	.3734	.3687	.3678	.3691	.3701	.3795	.3768	.3654	.3655	.3594	200.
215.	.2904	.2978	.2867	.2908		.2951	.2925	.2954	.3013	.2939	.2856	.2837	.2762	215.
230.	.2589	.2595	.2509	.2530	.2532	.2559	.2539	.2579	.2543	.2471	.2447	.2480	.2426	230.
245.	.2387	.2351	.2325	.2322	.2333	.2346	.2356	.2339		.2238	.2257	.2290	.2259	245.
270.	.2184	.2205	.2174	.2172	.2138	.2121	.2150	.2136	.2064	.2078	.2107	.2122	.2099	270.
295.	.2065	.2059	.2040	.2068	.2002	.1974	.2022	.1980		.1968	.1985	.2020	.2009	295.
310.	.1960	.1951	.1921	.1948	.1886	.1851	.1896	.1868	.1868	.1870	.1846	.1883	.1833	310.
325.	.1772	.1815	.1783	.1836		.1735	.1797	.1778	.1727	.1732	.1748	.1722	.1658	325.
340.	.1632	.1630	.1653	.1657	.1628	.1547	.1589	.1611	.1592	.1605	.1579	.1619	.1606	340.
350.		.1471	.1470	.1470	.1428	.1397	.1407	.1436	.1446	.1471	.1443	.1461	.1439	350.
						FOR ALPHA = 15.35 DEG								
0.	.0759	.0821	.0836	.0884	.0890	.0869	.0848	.0815	.0800	.0803	.0824	.0844	.0830	0.
10.		.0853	.0916	.0976	.0925	.0879	.0892	.0885	.0881	.0881	.0860	.0868	.0837	10.
20.	.0808	.0858	.0971	.0938	.0898	.0869	.0898	.0899	.0897	.0885	.0847	.0853	.0806	20.
35.	.0762	.0846	.0891	.0857		.0860	.0896	.0883	.0863	.0866	.0851	.0800	.0762	35.
50.	.0803	.0861	.0893	.0820	.0777	.0827	.0832	.0824	.0827	.0832	.0827	.0834	.0842	50.
65.	.0806	.0881	.0921	.0848	.0786	.0812	.0836	.0805		.0807	.0822	.0840	.0863	65.
90.	.0779	.0847	.0829	.0866	.0756	.0739	.0757	.0755	.0726	.0746	.0776	.0766	.0771	90.
115.	.0844	.0836	.0792	.0826	.0830	.0802	.0795	.0742		.0777	.0771	.0767	.0747	115.
130.	.0962	.0960	.0936	.0943	.0984	.0921	.0884	.0888	.0901	.0906	.0879	.0849	.0833	130.
145.	.1304	.1369	.1317	.1359		.1392	.1316	.1278	.1292	.1309	.1263	.1226	.1205	145.
160.	.2378	.2316	.2373	.2415	.2379	.2378	.2403	.2338	.2365	.2351	.2327	.2370	.2317	160.
170.		.3832	.3801	.3848	.3887	.3889	.3925	.3923	.3867	.3835	.3791	.3841	.3772	170.
180.	.6141	.6112	.6092	.6128	.6104	.6086	.6147	.6077	.6048	.6046	.6044	.6019	.5956	180.
190.		.5544	.5457	.5527	.5560	.5515	.5494	.5535	.5467	.5506	.5466	.5474	.5374	190.
200.	.4252	.4245	.4322	.4320	.4279	.4228	.4250	.4247	.4296	.4243	.4229	.4244	.4163	200.
215.	.3066	.3188	.3135	.3153		.3094	.3085	.3083	.3073	.3075	.3065	.3037	.2942	215.
230.	.2529	.2565	.2546	.2529	.2426	.2459	.2492	.2495	.2466	.2452	.2444	.2449	.2418	230.
245.	.2200	.2231	.2227	.2183	.2127	.2164	.2189	.2128		.2104	.2102	.2168	.2122	245.
270.	.1849	.1940	.1914	.1863	.1823	.1836	.1864	.1857	.1846	.1878	.1923	.1890	.1842	270.
295.	.1625	.1669	.1650	.1634	.1637	.1662	.1665	.1649		.1763	.1796	.1699	.1650	295.
310.	.1447	.1504	.1456	.1449	.1464	.1452	.1451	.1478	.1490	.1599	.1605	.1513	.1478	310.
325.	.1209	.1271	.1237	.1292		.1278	.1320	.1321	.1295	.1389	.1405	.1319	.1230	325.
340.	.0969	.1037	.1073	.1066	.1071	.1052	.1066	.1063	.1060	.1137	.1171	.1101	.1041	340.
350.		.0870	.0889	.0873	.0876	.0888	.0893	.0891	.0877	.0893	.0918	.0875	.0804	350.
						FOR ALPHA = 20.35 DEG								
0.	.0504	.0544	.0553	.0575	.0578	.0561	.0542	.0541	.0559	.0561	.0549	.0537	.0517	0.
10.		.0628	.0635	.0642	.0640	.0639	.0653	.0650	.0595	.0544	.0581	.0642	.0572	10.
20.	.0536	.0558	.0585	.0595	.0608	.0581	.0583	.0579	.0511	.0503	.0551	.0602	.0542	20.
35.	.0416	.0428	.0427	.0470		.0458	.0472	.0462	.0362	.0408	.0445	.0439	.0388	35.
50.	.0405	.0416	.0401	.0414	.0393	.0360	.0336	.0380	.0314	.0338	.0409	.0409	.0361	50.
65.	.0420	.0431	.0417	.0427	.0395	.0387	.0399	.0423		.0279	.0418	.0417	.0394	65.
90.	.0357	.0380	.0379	.0372	.0359	.0355	.0360	.0395	.0385	.0308	.0339	.0344	.0323	90.
115.	.0441	.0417	.0384	.0404	.0417	.0461	.0477	.0467		.0460	.0420	.0475	.0424	115.
130.	.0686	.0645	.0643	.0705	.0674	.0684	.0683	.0705	.0731	.0726	.0668	.0712	.0660	130.
145.	.1293	.1330	.1301	.1365		.1413	.1402	.1382	.1361	.1387	.1372	.1369	.1341	145.
160.	.2867	.2772	.2833	.2860	.2833	.2813	.2864	.2823	.2847	.2826	.2923	.2997	.2859	160.
170.		.4778	.4697	.4752	.4824	.4796	.4803	.4849	.4773	.4809	.4787	.4870	.4797	170.
180.	.7526	.7466	.7465	.7523	.7489	.7443	.7496	.7430	.7427	.7448	.7453	.7428	.7373	180.
190.		.6505	.6462	.6545	.6572	.6542	.6550	.6555	.6519	.6574	.6546	.6531	.6436	190.
200.	.4898	.4807	.4848	.4888	.4877	.4859	.4852	.4881	.4921	.4928	.4904	.4856	.4779	200.
215.	.3257	.3323	.3290	.3291		.3341	.3330	.3328	.3320	.3366	.3249	.3222	.3130	215.
230.	.2479	.2453	.2427	.2488	.2460	.2482	.2490	.2486	.2543	.2458	.2358	.2364	.2338	230.
245.	.2000	.1988	.1969	.2001	.2030	.2078	.2093	.1986		.1938	.1895	.1939	.1935	245.
270.	.1568	.1601	.1577	.1588	.1635	.1638	.1593	.1598	.1564	.1529	.1547	.1535	.1532	270.
295.	.1270	.1282	.1229	.1300	.1387	.1313	.1326	.1300		.1250	.1262	.1249	.1228	295.
310.	.0973	.1004	.0976	.1037	.1090	.0995	.0977	.0987	.0971	.0979	.0977	.0981	.0935	310.
325.	.0672	.0699	.0661	.0757		.0714	.0736	.0748	.0717	.0717	.0706	.0688	.0615	325.
340.	.0414	.0439	.0437	.0503	.0505	.0390	.0400	.0415	.0443	.0433	.0406	.0411	.0388	340.
350.		.0331	.0305	.0329	.0367	.0302	.0295	.0313	.0324	.0315	.0309	.0300	.0284	350.

TABLE II. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.65 DEG								
0.		.3511	.3382	.3460	.3392	.3429	.3414	.3439	.3432	.3463	.3479	.3419	.3410	.3405
10.				.2016	.1992	.2012	.1970	.1951	.1943	.1893	.1864	.1875	.1860	.1855
20.			.1157	.1157	.1163	.1215	.1198	.1192	.1238	.1212	.1235	.1192	.1204	.1200
35.	.0973	.1069	.1008	.0992	.0942	.1035	.1023	.1036	.1021	.1016	.1015	.1033	.0985	.0948
50.				.0986	.1006		.1018	.1026	.1013	.0988	.0960	.0957	.0946	.0924
65.		.1049	.1022	.0982	.1004	.0997	.1040	.1027	.1008	.0987	.0974	.0942	.0952	.0914
90.	.1085	.1092	.0800	.1045	.1020	.1011	.1018	.1024	.1030		.1015	.0968	.0925	.0944
115.		.1171	.0843	.1096	.1032	.1018	.1025	.1009	.1032	.1048	.1066	.0963	.0932	.0909
130.				.1131	.1046		.1011	.1004	.1037	.1058	.1062	.0982	.0931	.0909
145.	.1006	.1155	.0870	.1077	.0997	.1017	.0982	.0981	.1015	.1050	.1051	.1002	.0918	.0910
160.			.0955	.0991	.1019	.1002	.0948	.0934	.0994	.0999	.1008	.0984	.0946	.0906
170.				.1099	.1138	.1113	.1074	.1052	.1070	.1070	.1052	.1061	.1067	.1003
180.		.1780	.1692	.1677	.1643	.1668	.1647	.1669	.1663	.1662	.1667	.1640	.1669	.1651
190.				.2153	.2161	.2126	.2206	.2175	.2149	.2160	.2146	.2146	.2159	.2211
200.			.2428	.2369	.2358	.2355	.2353	.2347	.2338	.2316	.2332	.2295	.2319	.2337
215.	.2424	.2491	.2530	.2487	.2358	.2436	.2426	.2439	.2422	.2410	.2395	.2408	.2395	.2408
230.				.2552	.2488		.2508	.2502	.2500	.2457	.2454	.2434	.2462	.2463
245.		.2591	.2423	.2566	.2527	.2524	.2548	.2548	.2542	.2510	.2508	.2497	.2501	.2515
270.	.2787	.2691	.2683	.2690	.2670	.2638	.2638	.2693	.2716		.2678	.2659	.2638	.2689
295.		.2878	.2851	.2818	.2859	.2830	.2835	.2854	.2848	.2822	.2835	.2773	.2764	.2814
310.				.2972	.2989		.2954	.2965	.2999	.2946	.2934	.2938	.2902	.2932
325.	.3081	.3181	.3168	.3165	.3112	.3198	.3150	.3176	.3192	.3178	.3173	.3196	.3134	.3130
340.			.3616	.3547	.3567	.3577	.3553	.3519	.3578	.3567	.3589	.3541	.3557	.3529
350.				.3848	.3872	.3864	.3923	.3874	.3871	.3892	.3892	.3896	.3880	.3804
						FOR ALPHA = -2.65 DEG								
0.		.3100	.2994	.3062	.2996	.3018	.2996	.3018	.3023	.3039	.3023	.2975	.2973	.2970
10.				.1799	.1804	.1808	.1738	.1725	.1723	.1698	.1652	.1689	.1670	.1657
20.			.1144	.1146	.1156	.1184	.1144	.1150	.1180	.1173	.1168	.1146	.1172	.1169
35.	.1015	.1102	.1070	.1055	.0998	.1073	.1045	.1045	.1045	.1067	.1029	.1053	.1004	.0984
50.				.1052	.1073		.1053	.1055	.1055	.1037	.1008	.1007	.0978	.0979
65.		.1115	.1044	.1041	.1083	.1054	.1067	.1060	.1054	.1039	.1030	.0988	.0971	.0982
90.	.1130	.1158	.0854	.1120	.1071	.1040	.1064	.1077	.1086		.1039	.1015	.0957	.0991
115.		.1214	.0943	.1153	.1052	.1015	.1080	.1085	.1067	.1024	.1048	.1032	.0987	.0961
130.				.1139	.1053		.1072	.1076	.1060	.1029	.1040	.1057	.0996	.0948
145.	.1012	.1175	.0963	.1078	.0989	.1020	.1033	.1050	.1034	.1031	.1050	.1096	.0997	.0933
160.			.1043	.1037	.1010	.1018	.1009	.1009	.1030	.1003	.1054	.1058	.1048	.0963
170.				.1260	.1230	.1217	.1222	.1217	.1197	.1182	.1173	.1214	.1191	.1156
180.		.2086	.2011	.2003	.1925	.1938	.1937	.1983	.1979	.1991	.1972	.1935	.1944	.1950
190.				.2491	.2472	.2406	.2504	.2508	.2481	.2499	.2485	.2474	.2482	.2462
200.			.2658	.2616	.2596	.2557	.2561	.2594	.2598	.2575	.2588	.2556	.2574	.2522
215.	.2553	.2668	.2739	.2664	.2520	.2555	.2541	.2588	.2604	.2589	.2589	.2605	.2576	.2547
230.				.2685	.2598		.2577	.2593	.2627	.2589	.2586	.2589	.2578	.2557
245.		.2689	.2536	.2682	.2618	.2585	.2585	.2601	.2633	.2600	.2615	.2572	.2584	.2566
270.	.2825	.2735	.2706	.2765	.2707	.2693	.2664	.2685	.2747		.2699	.2662	.2616	.2683
295.		.2860	.2792	.2842	.2848	.2832	.2828	.2817	.2848	.2791	.2777	.2743	.2758	.2736
310.				.2948	.2940		.2914	.2890	.2941	.2873	.2865	.2852	.2833	.2802
325.	.2986	.3073	.3080	.3087	.3021	.3069	.3045	.3061	.3079	.3040	.3046	.3031	.2975	.2952
340.			.3360	.3312	.3356	.3331	.3328	.3298	.3346	.3300	.3313	.3254	.3291	.3269
350.				.3490	.3516	.3491	.3551	.3520	.3498	.3514	.3477	.3483	.3476	.3469
						FOR ALPHA = -1.65 DEG								
0.		.2902	.2804	.2852	.2798	.2817	.2790	.2819	.2816	.2823	.2821	.2778	.2779	.2785
10.				.1708	.1713	.1697	.1659	.1630	.1623	.1611	.1548	.1582	.1599	.1566
20.			.1150	.1139	.1155	.1172	.1136	.1125	.1158	.1133	.1139	.1127	.1160	.1140
35.	.1040	.1114	.1099	.1092	.1021	.1088	.1043	.1058	.1070	.1061	.1036	.1062	.1023	.1000
50.				.1091	.1105		.1067	.1065	.1079	.1053	.1018	.1024	.0993	.0988
65.		.1132	.0979	.1079	.1113	.1064	.1085	.1076	.1072	.1059	.1035	.1001	.0995	.0999
90.	.1146	.1174	.0890	.1178	.1103	.1056	.1062	.1089	.1105		.1050	.1027	.0965	.1009
115.		.1215	.1024	.1167	.1083	.1030	.1065	.1109	.1094	.1049	.1050	.1021	.1001	.0969
130.				.1167	.1075		.1069	.1102	.1090	.1036	.1026	.1055	.1010	.0988
145.	.1007	.1176	.0924	.1112	.1012	.1027	.1036	.1077	.1063	.1036	.1031	.1095	.1022	.0964
160.			.1083	.1065	.1040	.1035	.1021	.1051	.1072	.1033	.1046	.1059	.1090	.1011
170.				.1334	.1325	.1282	.1286	.1296	.1295	.1271	.1247	.1268	.1283	.1243
180.		.2243	.2183	.2177	.2099	.2105	.2078	.2139	.2150	.2168	.2161	.2112	.2121	.2114
190.				.2660	.2650	.2592	.2644	.2655	.2648	.2676	.2686	.2677	.2685	.2650
200.			.2777	.2741	.2728	.2685	.2655	.2683	.2717	.2708	.2754	.2705	.2734	.2684
215.	.2615	.2721	.2842	.2729	.2604	.2632	.2605	.2635	.2672	.2678	.2699	.2707	.2671	.2676
230.				.2743	.2669		.2611	.2605	.2680	.2647	.2665	.2657	.2649	.2666
245.		.2713	.2604	.2717	.2665	.2624	.2623	.2592	.2657	.2651	.2678	.2628	.2639	.2659
270.	.2834	.2752	.2637	.2780	.2725	.2702	.2684	.2689	.2764		.2717	.2683	.2646	.2710
295.		.2840	.2767	.2843	.2838	.2802	.2819	.2802	.2811	.2777	.2767	.2727	.2722	.2724
310.				.2926	.2923		.2882	.2876	.2898	.2851	.2813	.2813	.2782	.2770
325.	.2913	.3010	.3021	.3017	.2946	.3003	.2976	.3009	.3012	.2976	.2950	.2963	.2907	.2899
340.			.3242	.3212	.3228	.3232	.3178	.3183	.3225	.3179	.3170	.3141	.3174	.3146
350.				.3321	.3328	.3311	.3353	.3334	.3314	.3310	.3284	.3310	.3325	.3297

TABLE II. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.65 DEG								
0.	.3441	.3436	.3428	.3474	.3437	.3412	.3446	.3411	.3399	.3405	.3415	.3407	.3374	0.
10.		.1880	.1852	.1845	.1899	.1887	.1892	.1907	.1886	.1883	.1838	.1863	.1793	10.
20.	.1264	.1243	.1271	.1274	.1269	.1259	.1269	.1250	.1274	.1264	.1244	.1276	.1291	20.
35.	.0982	.1037	.0985	.1024		.1043	.1029	.1035	.1047	.1052	.1094	.1103	.1034	35.
50.	.0973	.0965	.0941	.0965	.0981	.1011	.1026	.1031	.0993	.1014	.1007	.1048	.0912	50.
65.	.0964	.0974	.0974	.0984	.0993	.1046	.1044	.0982		.0991	.1018	.1039	.0950	65.
90.	.0960	.0999	.0985	.1007	.0991	.0980	.0984	.0954	.0966	.0994	.1014	.0987	.0961	90.
115.	.0984	.1002	.1004	.1008	.0987	.0978	.0996	.0971		.0999	.0936	.0961	.0933	115.
130.	.1006	.1011	.1010	.1006	.0978	.0979	.1000	.1009	.0993	.1008	.0921	.0928	.0911	130.
145.	.0973	.1015	.0986	.1009		.0990	.1008	.1027	.0987	.0980	.0971	.0917	.0838	145.
160.	.0983	.0960	.0994	.0994	.0974	.0983	.0990	.0980	.0967	.0936	.0933	.1038	.0936	160.
170.		.1028	.1009	.1052	.1057	.1035	.1042	.1053	.1006	.1028	.1001	.1010	.0959	170.
180.	.1645	.1667	.1662	.1700	.1655	.1605	.1624	.1643	.1634	.1607	.1594	.1576	.1552	180.
190.		.2237	.2243	.2248	.2201	.2195	.2202	.2173	.2166	.2196	.2168	.2172	.2072	190.
200.	.2386	.2387	.2476	.2420	.2406	.2367	.2387	.2363	.2374	.2379	.2355	.2337	.2258	200.
215.	.2407	.2498	.2505	.2529		.2476	.2518	.2504	.2459	.2490	.2431	.2376	.2288	215.
230.	.2521	.2552	.2574	.2539	.2510	.2529	.2576	.2550	.2528	.2538	.2474	.2449	.2420	230.
245.	.2556	.2593	.2621	.2589	.2564	.2579	.2632	.2602		.2607	.2545	.2532	.2498	245.
270.	.2668	.2711	.2702	.2689	.2657	.2684	.2697	.2671	.2682	.2710	.2688	.2633	.2641	270.
295.	.2840	.2843	.2831	.2834	.2808	.2855	.2896	.2820		.2850	.2796	.2831	.2755	295.
310.	.2971	.2959	.2951	.2964	.2959	.2995	.3000	.2982	.2985	.2989	.2910	.2944	.2862	310.
325.	.3127	.3202	.3157	.3203		.3244	.3219	.3225	.3217	.3224	.3183	.3111	.3030	325.
340.	.3573	.3538	.3617	.3616	.3622	.3589	.3616	.3625	.3619	.3614	.3607	.3600	.3495	340.
350.		.3869	.3875	.3932	.3922	.3893	.3919	.3910	.3904	.3909	.3879	.3900	.3810	350.
						FOR ALPHA = -2.65 DEG								
0.	.3011	.3048	.3015	.3045	.3032	.2990	.3008	.2984	.2986	.2980	.3021	.3011	.2955	0.
10.		.1677	.1647	.1638	.1687	.1686	.1694	.1676	.1661	.1672	.1636	.1680	.1616	10.
20.	.1192	.1192	.1224	.1228	.1208	.1194	.1206	.1189	.1221	.1194	.1168	.1209	.1237	20.
35.	.1032	.1080	.1011	.1065		.1055	.1039	.1045	.1059	.1043	.1078	.1133	.1083	35.
50.	.1036	.1020	.0999	.1022	.1018	.1033	.1037	.1037	.1043	.1075	.1068	.1105	.0993	50.
65.	.1023	.1026	.1008	.1028	.1027	.1064	.1075	.1057		.1063	.1080	.1087	.0988	65.
90.	.1014	.1043	.1006	.1011	.1004	.1036	.1041	.1020	.0998	.1026	.1050	.1034	.1009	90.
115.	.1027	.1028	.1008	.1010	.1010	.1023	.1013	.0986		.1048	.1001	.1005	.0974	115.
130.	.1017	.1013	.1003	.1033	.1012	.1004	.0998	.1003	.1011	.1052	.0991	.0957	.0923	130.
145.	.0956	.1020	.0982	.1047		.1003	.1001	.1028	.1035	.1018	.1016	.0943	.0843	145.
160.	.0973	.0975	.1022	.1036	.1028	.1007	.1026	.1030	.1044	.1024	.0967	.1007	.1038	160.
170.		.1116	.1115	.1146	.1189	.1161	.1146	.1181	.1140	.1150	.1137	.1132	.1063	170.
180.	.1971	.1967	.1962	.2000	.1957	.1922	.1957	.1921	.1915	.1948	.1934	.1885	.1840	180.
190.		.2553	.2556	.2599	.2546	.2512	.2526	.2521	.2503	.2512	.2483	.2499	.2422	190.
200.	.2603	.2575	.2704	.2696	.2663	.2607	.2625	.2642	.2627	.2624	.2618	.2624	.2516	200.
215.	.2572	.2611	.2622	.2701		.2633	.2667	.2687	.2647	.2633	.2638	.2539	.2445	215.
230.	.2633	.2616	.2646	.2666	.2616	.2628	.2654	.2653	.2640	.2657	.2626	.2578	.2509	230.
245.	.2656	.2655	.2677	.2666	.2645	.2648	.2676	.2628		.2705	.2677	.2617	.2555	245.
270.	.2699	.2739	.2728	.2714	.2691	.2705	.2733	.2710	.2693	.2738	.2749	.2697	.2646	270.
295.	.2831	.2823	.2827	.2821	.2820	.2854	.2877	.2821		.2833	.2783	.2844	.2743	295.
310.	.2926	.2898	.2906	.2938	.2914	.2933	.2961	.2952	.2930	.2928	.2874	.2908	.2823	310.
325.	.3020	.3086	.3036	.3111		.3092	.3098	.3136	.3088	.3118	.3074	.2999	.2899	325.
340.	.3328	.3294	.3402	.3401	.3379	.3354	.3382	.3384	.3387	.3382	.3365	.3351	.3244	340.
350.		.3527	.3524	.3573	.3564	.3542	.3541	.3541	.3521	.3549	.3515	.3541	.3446	350.
						FOR ALPHA = -1.65 DEG								
0.	.2824	.2857	.2815	.2856	.2843	.2804	.2794	.2784	.2774	.2786	.2810	.2820	.2747	0.
10.		.1582	.1544	.1562	.1610	.1598	.1573	.1595	.1552	.1574	.1598	.1581	.1518	10.
20.	.1168	.1168	.1209	.1198	.1189	.1174	.1176	.1165	.1191	.1173	.1146	.1184	.1231	20.
35.	.1034	.1094	.1036	.1066		.1064	.1049	.1062	.1063	.1041	.1076	.1134	.1081	35.
50.	.1062	.1039	.1019	.1040	.1033	.1047	.1051	.1047	.1049	.1075	.1094	.1136	.1003	50.
65.	.1051	.1042	.1035	.1048	.1035	.1073	.1090	.1055		.1094	.1107	.1110	.1011	65.
90.	.1033	.1065	.1022	.1023	.1007	.1035	.1061	.1040	.1012	.1046	.1064	.1043	.1025	90.
115.	.1051	.1043	.1012	.1009	.1007	.1023	.1033	.0993		.1042	.1017	.1027	.0993	115.
130.	.1037	.1021	.1005	.1022	.1018	.1011	.1013	.1014	.1005	.1055	.1011	.0979	.0935	130.
145.	.0980	.1015	.0979	.1037		.1024	.1003	.1022	.1046	.1031	.1038	.0965	.0847	145.
160.	.1006	.0979	.1043	.1065	.1065	.1044	.1034	.1040	.1070	.1067	.1009	.1023	.1056	160.
170.		.1189	.1169	.1207	.1260	.1242	.1221	.1242	.1217	.1228	.1184	.1217	.1133	170.
180.	.2145	.2142	.2116	.2170	.2121	.2085	.2118	.2103	.2083	.2100	.2111	.2073	.2012	180.
190.		.2704	.2699	.2762	.2740	.2684	.2672	.2679	.2696	.2685	.2636	.2678	.2604	190.
200.	.2712	.2682	.2764	.2821	.2799	.2737	.2733	.2761	.2773	.2745	.2729	.2756	.2655	200.
215.	.2646	.2692	.2663	.2778		.2702	.2708	.2761	.2724	.2709	.2715	.2617	.2519	215.
230.	.2688	.2672	.2677	.2710	.2666	.2677	.2679	.2687	.2687	.2709	.2685	.2632	.2561	230.
245.	.2676	.2686	.2699	.2693	.2674	.2683	.2696	.2657		.2720	.2729	.2660	.2574	245.
270.	.2692	.2746	.2731	.2725	.2702	.2720	.2739	.2723	.2694	.2740	.2759	.2706	.2660	270.
295.	.2808	.2808	.2809	.2818	.2802	.2853	.2874	.2822		.2824	.2784	.2833	.2745	295.
310.	.2885	.2868	.2873	.2903	.2884	.2896	.2920	.2911	.2900	.2896	.2846	.2860	.2795	310.
325.	.2943	.3036	.3003	.3068		.3025	.3051	.3060	.3048	.3029	.3005	.2918	.2837	325.
340.	.3204	.3187	.3275	.3260	.3275	.3232	.3257	.3259	.3265	.3254	.3234	.3220	.3121	340.
350.		.3352	.3359	.3395	.3419	.3350	.3357	.3370	.3349	.3370	.3344	.3364	.3252	350.

TABLE II. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -.65 DEG								
0.		.2699	.2635	.2659	.2600	.2629	.2587	.2617	.2619	.2627	.2633	.2601	.2599	.2599
10.				.1612	.1609	.1600	.1570	.1559	.1538	.1522	.1481	.1504	.1509	.1482
20.			.1149	.1139	.1118	.1147	.1131	.1109	.1132	.1127	.1119	.1106	.1149	.1141
35.	.1059	.1135	.1107	.1105	.1035	.1083	.1053	.1071	.1061	.1060	.1044	.1086	.1042	.1007
50.				.1118	.1117		.1071	.1085	.1082	.1045	.1033	.1036	.1014	.1013
65.		.1161	.0973	.1129	.1136	.1068	.1080	.1082	.1084	.1052	.1046	.1018	.1000	.1020
90.	.1152	.1185	.0910	.1223	.1124	.1068	.1064	.1083	.1109		.1064	.1043	.0964	.1010
115.		.1200	.1067	.1185	.1106	.1047	.1061	.1089	.1103	.1060	.1053	.1028	.0983	.0969
130.				.1160	.1103		.1050	.1089	.1110	.1047	.1034	.1058	.1007	.0969
145.	.0997	.1153	.0904	.1112	.1027	.1039	.1023	.1070	.1082	.1047	.1025	.1085	.1036	.0967
160.			.1097	.1094	.1070	.1059	.1033	.1077	.1112	.1065	.1058	.1070	.1138	.1057
170.				.1439	.1419	.1372	.1350	.1376	.1389	.1336	.1308	.1331	.1369	.1340
180.		.2406	.2336	.2368	.2280	.2283	.2242	.2296	.2330	.2342	.2333	.2281	.2281	.2271
190.				.2838	.2817	.2769	.2809	.2786	.2807	.2838	.2835	.2827	.2829	.2810
200.			.2888	.2868	.2849	.2815	.2777	.2773	.2828	.2834	.2846	.2800	.2833	.2821
215.	.2683	.2775	.2898	.2800	.2676	.2717	.2681	.2697	.2718	.2770	.2748	.2752	.2715	.2728
230.				.2780	.2717		.2663	.2639	.2698	.2709	.2692	.2677	.2671	.2687
245.		.2743	.2690	.2747	.2703	.2654	.2637	.2620	.2661	.2684	.2688	.2634	.2634	.2671
270.	.2842	.2773	.2624	.2787	.2741	.2708	.2693	.2695	.2753		.2718	.2675	.2630	.2714
295.		.2846	.2795	.2825	.2816	.2802	.2802	.2791	.2797	.2756	.2756	.2706	.2695	.2718
310.				.2888	.2865		.2845	.2853	.2872	.2807	.2784	.2779	.2749	.2745
325.	.2868	.2959	.2985	.2936	.2869	.2937	.2917	.2952	.2949	.2919	.2883	.2897	.2851	.2841
340.			.3137	.3093	.3106	.3103	.3074	.3086	.3113	.3050	.3060	.3031	.3052	.3026
350.				.3144	.3141	.3131	.3170	.3170	.3139	.3126	.3107	.3131	.3146	.3125
						FOR ALPHA = .35 DEG								
0.		.2540	.2459	.2468	.2425	.2436	.2419	.2435	.2428	.2444	.2456	.2413	.2411	.2430
10.				.1513	.1527	.1502	.1499	.1443	.1435	.1420	.1415	.1443	.1442	.1410
20.			.1137	.1118	.1112	.1139	.1106	.1097	.1113	.1089	.1147	.1101	.1126	.1098
35.	.1065	.1169	.1106	.1105	.1047	.1105	.1060	.1077	.1060	.1052	.1066	.1085	.1039	.0991
50.				.1135	.1122		.1083	.1086	.1085	.1052	.1038	.1056	.1025	.1001
65.		.1181	.0956	.1136	.1127	.1075	.1091	.1087	.1085	.1065	.1052	.1052	.1013	.1015
90.	.1154	.1187	.0903	.1196	.1129	.1081	.1071	.1075	.1100		.1062	.1047	.0967	.1009
115.		.1183	.1040	.1168	.1128	.1062	.1064	.1062	.1074	.1065	.1053	.1056	.0969	.0952
130.				.1157	.1113		.1044	.1066	.1095	.1061	.1042	.1069	.0985	.0955
145.	.0993	.1135	.0983	.1117	.1031	.1055	.1015	.1067	.1079	.1053	.1046	.1070	.1014	.1009
160.			.1115	.1116	.1094	.1099	.1042	.1072	.1137	.1092	.1083	.1056	.1142	.1110
170.				.1546	.1517	.1465	.1433	.1436	.1462	.1454	.1398	.1414	.1416	.1439
180.		.2589	.2510	.2543	.2466	.2465	.2425	.2453	.2492	.2532	.2506	.2449	.2449	.2467
190.				.3004	.2998	.2946	.2980	.2944	.2952	.3016	.3012	.2992	.3005	.2978
200.			.3025	.2980	.2975	.2932	.2906	.2874	.2915	.2958	.2969	.2951	.2947	.2967
215.	.2746	.2854	.2919	.2868	.2761	.2798	.2753	.2773	.2775	.2841	.2829	.2868	.2775	.2810
230.				.2836	.2769		.2703	.2699	.2719	.2744	.2741	.2718	.2730	.2724
245.		.2774	.2721	.2789	.2727	.2692	.2672	.2667	.2668	.2705	.2707	.2657	.2686	.2696
270.	.2841	.2781	.2596	.2797	.2747	.2716	.2695	.2713	.2751		.2723	.2674	.2638	.2707
295.		.2822	.2766	.2804	.2768	.2768	.2786	.2784	.2788	.2727	.2728	.2693	.2676	.2693
310.				.2852	.2806		.2812	.2820	.2834	.2746	.2782	.2744	.2720	.2715
325.	.2789	.2881	.2961	.2887	.2790	.2854	.2844	.2900	.2887	.2835	.2804	.2831	.2791	.2777
340.			.3027	.2985	.2988	.2954	.2954	.2985	.2980	.2932	.2950	.2910	.2929	.2909
350.				.2969	.2976	.2937	.3000	.2990	.2949	.2949	.2958	.2963	.2958	.2949
						FOR ALPHA = 1.35 DEG								
0.		.2349	.2265	.2295	.2238	.2268	.2216	.2247	.2254	.2279	.2289	.2250	.2262	.2245
10.				.1430	.1452	.1433	.1398	.1372	.1366	.1382	.1341	.1374	.1377	.1339
20.			.1099	.1104	.1107	.1128	.1088	.1067	.1087	.1095	.1093	.1090	.1112	.1097
35.	.1069	.1171	.1108	.1122	.1065	.1091	.1057	.1070	.1062	.1068	.1070	.1091	.1035	.1015
50.				.1138	.1135		.1079	.1081	.1082	.1055	.1057	.1055	.1018	.1017
65.		.1199	.0987	.1144	.1133	.1085	.1095	.1091	.1088	.1055	.1054	.1028	.1014	.1021
90.	.1153	.1190	.0913	.1205	.1137	.1087	.1076	.1077	.1093		.1071	.1052	.0963	.1004
115.		.1176	.1059	.1137	.1131	.1081	.1064	.1044	.1052	.1054	.1075	.1045	.0965	.0934
130.				.1127	.1117		.1050	.1049	.1059	.1056	.1042	.1054	.0975	.0937
145.	.0993	.1125	.1013	.1096	.1027	.1069	.1023	.1042	.1061	.1056	.1034	.1074	.1013	.0974
160.			.1125	.1118	.1104	.1124	.1072	.1075	.1140	.1123	.1116	.1078	.1152	.1117
170.				.1634	.1618	.1564	.1521	.1511	.1541	.1544	.1499	.1482	.1494	.1505
180.		.2779	.2685	.2723	.2654	.2660	.2623	.2641	.2657	.2716	.2725	.2674	.2655	.2654
190.				.3169	.3177	.3126	.3159	.3119	.3103	.3196	.3198	.3200	.3169	.3178
200.			.3144	.3094	.3098	.3061	.3013	.3001	.3023	.3072	.3097	.3056	.3060	.3062
215.	.2801	.2913	.2969	.2919	.2829	.2878	.2825	.2845	.2851	.2897	.2899	.2897	.2840	.2874
230.				.2855	.2822		.2757	.2744	.2767	.2769	.2772	.2760	.2738	.2763
245.		.2782	.2751	.2813	.2770	.2717	.2705	.2676	.2681	.2702	.2729	.2668	.2699	.2700
270.	.2836	.2769	.2617	.2800	.2749	.2718	.2701	.2712	.2752		.2709	.2668	.2626	.2699
295.		.2793	.2715	.2790	.2759	.2729	.2755	.2754	.2761	.2688	.2688	.2655	.2651	.2670
310.				.2816	.2766		.2767	.2771	.2782	.2691	.2731	.2694	.2669	.2684
325.	.2724	.2817	.2935	.2824	.2713	.2759	.2775	.2818	.2790	.2748	.2747	.2758	.2719	.2726
340.			.2885	.2862	.2863	.2828	.2831	.2858	.2837	.2809	.2828	.2797	.2810	.2807
350.				.2798	.2793	.2747	.2818	.2803	.2769	.2786	.2779	.2805	.2803	.2779

TABLE II. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.65 DEG								
0.	.2628	.2638	.2628	.2670	.2646	.2591	.2613	.2592	.2587	.2602	.2635	.2624	.2564	0.
10.		.1481	.1468	.1462	.1516	.1503	.1482	.1503	.1468	.1473	.1455	.1499	.1465	10.
20.	.1153	.1137	.1187	.1180	.1145	.1141	.1146	.1128	.1167	.1147	.1142	.1176	.1220	20.
35.	.1047	.1106	.1043	.1071		.1068	.1065	.1057	.1050	.1038	.1092	.1139	.1081	35.
50.	.1074	.1055	.1045	.1073	.1045	.1043	.1059	.1064	.1041	.1080	.1116	.1158	.1217	50.
65.	.1065	.1067	.1063	.1068	.1048	.1072	.1089	.1055		.1118	.1140	.1112	.1017	65.
90.	.1049	.1077	.1038	.1038	.1012	.1034	.1072	.1058	.1028	.1061	.1076	.1043	.1023	90.
115.	.1061	.1067	.1023	.0992	.0989	.1017	.1040	.1007		.1035	.1020	.1037	.1005	115.
130.	.1050	.1050	.1010	.1007	.0996	.1013	.1014	.1009	.0999	.1039	.1032	.0985	.0947	130.
145.	.0994	.1035	.0985	.1029		.1028	.1008	.1019	.1032	.1045	.1051	.0985	.0857	145.
160.	.1036	.0998	.1049	.1064	.1077	.1076	.1064	.1047	.1084	.1090	.1059	.1055	.1022	160.
170.		.1239	.1226	.1272	.1316	.1326	.1319	.1309	.1281	.1309	.1282	.1307	.1207	170.
180.	.2296	.2323	.2290	.2337	.2298	.2252	.2295	.2283	.2250	.2261	.2291	.2261	.2194	180.
190.		.2848	.2857	.2924	.2922	.2855	.2838	.2844	.2876	.2865	.2798	.2848	.2785	190.
200.	.2831	.2790	.2858	.2916	.2934	.2860	.2864	.2859	.2903	.2869	.2829	.2886	.2773	200.
215.	.2709	.2769	.2716	.2833		.2782	.2783	.2813	.2807	.2787	.2790	.2706	.2584	215.
230.	.2714	.2712	.2723	.2748	.2705	.2707	.2730	.2718	.2723	.2757	.2760	.2684	.2600	230.
245.	.2690	.2710	.2722	.2715	.2679	.2712	.2723	.2674		.2746	.2774	.2703	.2608	245.
270.	.2708	.2753	.2747	.2744	.2702	.2733	.2746	.2735	.2710	.2736	.2766	.2717	.2670	270.
295.	.2801	.2807	.2798	.2818	.2800	.2837	.2847	.2800		.2811	.2771	.2810	.2727	295.
310.	.2853	.2859	.2843	.2873	.2861	.2859	.2879	.2874	.2863	.2881	.2820	.2805	.2778	310.
325.	.2883	.2966	.2930	.2997		.2968	.2984	.2988	.2978	.2994	.2938	.2854	.2782	325.
340.	.3101	.3081	.3139	.3142	.3160	.3117	.3149	.3126	.3157	.3151	.3111	.3104	.3013	340.
350.		.3177	.3168	.3227	.3237	.3183	.3181	.3187	.3175	.3197	.3176	.3179	.3061	350.
						FOR ALPHA = .35 DEG								
0.	.2442	.2444	.2432	.2491	.2445	.2409	.2423	.2402	.2401	.2432	.2492	.2433	.2374	0.
10.		.1394	.1387	.1404	.1442	.1404	.1415	.1425	.1370	.1430	.1388	.1416	.1338	10.
20.	.1118	.1122	.1153	.1153	.1151	.1104	.1127	.1111	.1116	.1147	.1097	.1148	.1169	20.
35.	.1059	.1115	.1049	.1071		.1071	.1066	.1058	.1045	.1029	.1124	.1164	.1063	35.
50.	.1102	.1071	.1051	.1063	.1043	.1054	.1061	.1066	.1048	.1079	.1141	.1173	.1012	50.
65.	.1085	.1067	.1065	.1063	.1054	.1078	.1089	.1056		.1128	.1163	.1116	.1021	65.
90.	.1045	.1081	.1047	.1037	.1025	.1028	.1059	.1062	.1031	.1072	.1084	.1040	.1021	90.
115.	.1060	.1070	.1019	.1004	.0979	.1008	.1032	.1010		.1028	.1009	.1029	.1016	115.
130.	.1054	.1049	.1008	.1000	.0980	.1002	.1012	.1010	.0990	.1011	.1032	.0990	.0950	130.
145.	.1003	.1051	.0980	.1016		.1029	.1015	.1012	.1020	.1029	.1056	.1003	.0862	145.
160.	.1075	.1023	.1058	.1076	.1084	.1095	.1100	.1065	.1087	.1108	.1097	.1081	.1056	160.
170.		.1322	.1294	.1324	.1386	.1382	.1397	.1393	.1349	.1390	.1353	.1384	.1306	170.
180.	.2472	.2487	.2474	.2511	.2463	.2434	.2459	.2456	.2448	.2446	.2465	.2454	.2390	180.
190.		.2999	.2997	.3093	.3095	.3047	.3016	.2998	.3034	.3052	.2974	.2994	.2961	190.
200.	.2964	.2913	.2973	.3010	.3067	.2984	.2984	.2982	.3025	.2999	.2956	.3010	.2892	200.
215.	.2780	.2845	.2790	.2888		.2843	.2846	.2866	.2872	.2872	.2865	.2782	.2656	215.
230.	.2757	.2764	.2771	.2767	.2746	.2761	.2774	.2753	.2760	.2796	.2825	.2734	.2644	230.
245.	.2721	.2724	.2747	.2738	.2687	.2735	.2754	.2694		.2750	.2813	.2734	.2632	245.
270.	.2710	.2754	.2749	.2754	.2710	.2734	.2756	.2731	.2715	.2744	.2775	.2714	.2676	270.
295.	.2763	.2794	.2797	.2797	.2781	.2808	.2824	.2779		.2800	.2750	.2778	.2696	295.
310.	.2815	.2814	.2816	.2822	.2814	.2832	.2848	.2823	.2825	.2849	.2777	.2774	.2734	310.
325.	.2825	.2899	.2853	.2922		.2911	.2903	.2915	.2892	.2927	.2867	.2778	.2722	325.
340.	.2987	.2973	.3026	.3027	.3039	.2989	.3028	.3011	.3034	.3022	.2980	.2974	.2883	340.
350.		.3001	.3012	.3063	.3035	.3004	.3014	.3012	.3001	.3045	.3010	.2980	.2883	350.
						FOR ALPHA = 1.35 DEG								
0.	.2258	.2276	.2279	.2314	.2268	.2221	.2240	.2232	.2240	.2262	.2268	.2263	.2190	0.
10.		.1291	.1309	.1338	.1351	.1334	.1318	.1323	.1320	.1323	.1314	.1354	.1291	10.
20.	.1102	.1097	.1141	.1134	.1100	.1074	.1097	.1087	.1106	.1121	.1077	.1151	.1181	20.
35.	.1057	.1114	.1048	.1069		.1056	.1060	.1051	.1034	.1041	.1114	.1174	.1050	35.
50.	.1096	.1080	.1059	.1074	.1050	.1052	.1073	.1063	.1030	.1085	.1163	.1145	.1023	50.
65.	.1088	.1080	.1070	.1076	.1050	.1075	.1090	.1056		.1122	.1175	.1118	.1018	65.
90.	.1034	.1070	.1045	.1044	.1018	.1028	.1050	.1058	.1043	.1074	.1087	.1033	.1009	90.
115.	.1046	.1057	.1029	.1001	.0972	.0983	.1025	.1001		.1033	.0994	.1010	.1011	115.
130.	.1040	.1052	.1007	.0988	.0969	.0979	.1002	.1003	.0988	.1004	.1019	.0987	.0948	130.
145.	.0998	.1053	.0991	.0999		.1024	.1010	.1005	.1011	.1013	.1041	.1005	.0873	145.
160.	.1120	.1055	.1075	.1089	.1098	.1118	.1118	.1097	.1102	.1118	.1116	.1127	.1097	160.
170.		.1418	.1370	.1381	.1452	.1460	.1479	.1484	.1433	.1458	.1425	.1472	.1393	170.
180.	.2661	.2664	.2664	.2695	.2649	.2612	.2642	.2645	.2638	.2639	.2642	.2637	.2578	180.
190.		.3174	.3154	.3247	.3273	.3212	.3191	.3173	.3210	.3227	.3150	.3163	.3137	190.
200.	.3077	.3040	.3089	.3112	.3185	.3114	.3114	.3111	.3140	.3121	.3081	.3136	.3024	200.
215.	.2855	.2922	.2848	.2958		.2921	.2929	.2936	.2928	.2940	.2955	.2862	.2726	215.
230.	.2803	.2800	.2805	.2818	.2768	.2802	.2806	.2788	.2788	.2830	.2869	.2791	.2683	230.
245.	.2745	.2750	.2771	.2757	.2717	.2755	.2770	.2718		.2781	.2822	.2762	.2554	245.
270.	.2692	.2756	.2746	.2752	.2709	.2732	.2759	.2750	.2717	.2734	.2746	.2709	.2668	270.
295.	.2747	.2779	.2787	.2765	.2755	.2787	.2806	.2768		.2771	.2715	.2754	.2673	295.
310.	.2763	.2778	.2797	.2787	.2764	.2788	.2786	.2779	.2787	.2792	.2719	.2727	.2681	310.
325.	.2748	.2833	.2783	.2858		.2827	.2822	.2844	.2824	.2845	.2777	.2699	.2666	325.
340.	.2863	.2844	.2904	.2907	.2906	.2864	.2899	.2888	.2902	.2911	.2865	.2844	.2773	340.
350.		.2834	.2843	.2884	.2867	.2831	.2850	.2838	.2838	.2861	.2840	.2789	.2708	350.

TABLE II. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.35 DEG								
0.		.2180	.2117	.2132	.2073	.2099	.2041	.2086	.2099	.2107	.2117	.2078	.2086	.2067
10.				.1356	.1371	.1354	.1316	.1307	.1294	.1310	.1271	.1320	.1304	.1244
20.			.1101	.1093	.1100	.1102	.1057	.1062	.1075	.1098	.1093	.1074	.1092	.1042
35.	.1067	.1171	.1136	.1107	.1072	.1092	.1060	.1059	.1067	.1069	.1077	.1082	.1021	.1011
50.				.1154	.1128		.1089	.1071	.1082	.1050	.1061	.1066	.1012	.1032
65.		.1198	.0932	.1191	.1118	.1081	.1101	.1081	.1079	.1059	.1067	.1048	.1010	.1029
90.	.1145	.1183	.0920	.1177	.1114	.1081	.1072	.1067	.1077		.1067	.1048	.0960	.0989
115.		.1172	.1076	.1077	.1114	.1071	.1059	.1041	.1038	.1029	.1067	.1028	.0945	.0904
130.				.1082	.1100		.1035	.1038	.1046	.1029	.1039	.1046	.0956	.0909
145.	.0985	.1137	.1093	.1079	.1013	.1068	.1025	.1030	.1032	.1044	.1047	.1083	.0986	.0935
160.			.1123	.1120	.1136	.1134	.1110	.1099	.1141	.1144	.1138	.1103	.1152	.1124
170.				.1721	.1713	.1672	.1655	.1626	.1609	.1624	.1564	.1573	.1569	.1577
180.		.2974	.2873	.2927	.2844	.2861	.2820	.2842	.2845	.2912	.2919	.2865	.2849	.2848
190.				.3360	.3346	.3324	.3341	.3309	.3292	.3353	.3385	.3374	.3353	.3360
200.			.3250	.3215	.3217	.3196	.3144	.3118	.3144	.3184	.3244	.3176	.3189	.3189
215.	.2880	.2982	.3030	.3010	.2909	.2957	.2882	.2915	.2911	.2956	.2969	.2962	.2920	.2936
230.				.2892	.2877		.2780	.2784	.2802	.2796	.2813	.2788	.2780	.2798
245.		.2809	.2748	.2809	.2792	.2762	.2727	.2711	.2706	.2708	.2728	.2689	.2717	.2718
270.	.2827	.2753	.2708	.2797	.2733	.2709	.2708	.2719	.2747		.2673	.2666	.2623	.2702
295.		.2771	.2642	.2770	.2710	.2686	.2752	.2738	.2727	.2653	.2658	.2634	.2624	.2653
310.				.2777	.2716		.2729	.2743	.2731	.2645	.2653	.2657	.2642	.2655
325.	.2650	.2759	.2854	.2761	.2646	.2682	.2711	.2739	.2708	.2681	.2687	.2675	.2651	.2662
340.			.2779	.2743	.2752	.2699	.2723	.2743	.2725	.2704	.2727	.2681	.2700	.2699
350.				.2631	.2627	.2578	.2643	.2637	.2610	.2621	.2625	.2636	.2629	.2622
						FOR ALPHA = 3.35 DEG								
0.		.2008	.1966	.1968	.1914	.1914	.1870	.1935	.1937	.1955	.1966	.1913	.1925	.1903
10.				.1281	.1279	.1283	.1243	.1251	.1247	.1241	.1207	.1244	.1225	.1172
20.			.1073	.1081	.1069	.1079	.1037	.1033	.1071	.1073	.1079	.1062	.1058	.1021
35.	.1056	.1157	.0988	.1118	.1060	.1075	.1036	.1052	.1057	.1078	.1071	.1073	.1015	.1009
50.				.1170	.1125		.1081	.1065	.1061	.1058	.1058	.1034	.1006	.1028
65.		.1183	.0912	.1203	.1123	.1075	.1078	.1069	.1059	.1054	.1049	.1009	.0998	.1030
90.	.1135	.1152	.0883	.1150	.1104	.1070	.1058	.1054	.1064		.1060	.1045	.0948	.0978
115.		.1151	.1052	.1057	.1094	.1064	.1053	.1030	.1019	.1028	.1064	.1095	.0949	.0902
130.				.1057	.1086		.1025	.1015	.1023	.1029	.1050	.1113	.0944	.0904
145.	.0990	.1121	.1066	.1047	.1002	.1085	.1014	.1020	.1005	.1050	.1062	.1134	.0986	.0935
160.			.1148	.1109	.1143	.1193	.1132	.1113	.1161	.1165	.1193	.1149	.1213	.1173
170.				.1823	.1805	.1817	.1759	.1718	.1712	.1736	.1708	.1706	.1699	.1692
180.		.3183	.3079	.3116	.3054	.3063	.3032	.3056	.3061	.3110	.3142	.3068	.3051	.3046
190.				.3557	.3522	.3508	.3532	.3501	.3469	.3540	.3581	.3542	.3537	.3544
200.			.3380	.3335	.3328	.3315	.3256	.3241	.3262	.3291	.3354	.3312	.3309	.3318
215.	.2939	.3049	.3068	.3066	.2977	.3025	.2973	.2997	.2973	.3000	.3031	.3026	.2988	.3011
230.				.2922	.2928		.2821	.2815	.2826	.2809	.2826	.2825	.2814	.2816
245.		.2813	.2778	.2811	.2820	.2770	.2745	.2733	.2715	.2709	.2741	.2707	.2729	.2718
270.	.2823	.2740	.2723	.2768	.2726	.2711	.2708	.2715	.2725		.2685	.2649	.2608	.2699
295.		.2720	.2602	.2729	.2664	.2664	.2736	.2697	.2673	.2642	.2632	.2598	.2588	.2640
310.				.2724	.2645		.2696	.2661	.2658	.2613	.2603	.2580	.2573	.2615
325.	.2587	.2664	.2741	.2684	.2568	.2631	.2639	.2645	.2620	.2618	.2597	.2591	.2558	.2596
340.			.2657	.2621	.2632	.2579	.2590	.2594	.2590	.2576	.2605	.2553	.2578	.2581
350.				.2458	.2463	.2389	.2462	.2470	.2435	.2452	.2463	.2474	.2461	.2452
						FOR ALPHA = 5.35 DEG								
0.		.1728	.1658	.1657	.1590	.1622	.1616	.1649	.1653	.1674	.1678	.1616	.1612	.1611
10.				.1152	.1123	.1129	.1146	.1152	.1122	.1112	.1113	.1116	.1061	.1006
20.			.1064	.1025	.1029	.1025	.1014	.1013	.1024	.1045	.1061	.0988	.0962	.0974
35.	.1046	.1152	.0930	.1108	.1016	.1049	.1025	.1046	.1035	.1065	.1038	.1017	.0978	.0989
50.				.1169	.1084		.1045	.1048	.1052	.1045	.1019	.0989	.0995	.0994
65.		.1152	.0881	.1159	.1081	.1054	.1048	.1043	.1039	.1045	.1009	.0969	.0992	.0979
90.	.1092	.1110	.0885	.1062	.1045	.1023	.1017	.1015	.1025		.1011	.0952	.0907	.0950
115.		.1091	.1071	.0983	.1030	.1000	.1005	.0982	.0970	.0984	.1036	.0939	.0856	.0855
130.				.0980	.1019		.0974	.0980	.0976	.0985	.1016	.0941	.0912	.0849
145.	.0973	.1088	.1002	.0991	.0955	.1044	.0991	.0977	.0973	.1021	.1053	.1024	.0930	.0891
160.			.1153	.1162	.1178	.1219	.1175	.1162	.1190	.1204	.1251	.1226	.1231	.1183
170.				.2046	.2042	.2039	.1983	.1923	.1920	.1933	.1937	.1916	.1912	.1846
180.		.3622	.3504	.3536	.3474	.3482	.3465	.3486	.3483	.3531	.3562	.3495	.3496	.3489
190.				.3919	.3919	.3878	.3918	.3878	.3852	.3900	.3930	.3922	.3913	.3938
200.			.3628	.3588	.3590	.3556	.3510	.3467	.3515	.3538	.3590	.3522	.3569	.3578
215.	.3059	.3186	.3149	.3177	.3111	.3154	.3088	.3113	.3102	.3130	.3161	.3148	.3127	.3118
230.				.2965	.2986		.2888	.2881	.2901	.2858	.2890	.2876	.2895	.2854
245.		.2856	.2866	.2822	.2840	.2777	.2765	.2756	.2740	.2708	.2758	.2729	.2768	.2716
270.	.2785	.2689	.2705	.2729	.2692	.2682	.2680	.2671	.2673		.2632	.2614	.2616	.2650
295.		.2616	.2444	.2645	.2591	.2610	.2638	.2590	.2587	.2565	.2535	.2513	.2548	.2566
310.				.2621	.2521		.2569	.2541	.2537	.2512	.2473	.2474	.2496	.2513
325.	.2426	.2489	.2542	.2541	.2391	.2477	.2457	.2461	.2449	.2459	.2421	.2416	.2440	.2434
340.			.2450	.2389	.2343	.2347	.2351	.2350	.2343	.2348	.2359	.2313	.2337	.2352
350.				.2138	.2105	.2077	.2152	.2136	.2118	.2159	.2154	.2124	.2144	.2158

TABLE II. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.35 DEG								
0.	.2081	.2109	.2100	.2131	.2097	.2040	.2069	.2071	.2072	.2089	.2083	.2074	.2024	0.
10.		.1242	.1251	.1269	.1262	.1242	.1258	.1250	.1278	.1262	.1235	.1268	.1191	10.
20.	.1075	.1083	.1115	.1106	.1079	.1056	.1067	.1062	.1096	.1082	.1053	.1143	.1172	20.
35.	.1061	.1106	.1033	.1060		.1065	.1049	.1045	.1019	.1051	.1127	.1156	.1013	35.
50.	.1101	.1080	.1054	.1050	.1044	.1064	.1065	.1048	.1027	.1111	.1178	.1120	.1020	50.
65.	.1088	.1082	.1062	.1068	.1049	.1068	.1085	.1046		.1127	.1172	.1094	.1007	65.
90.	.1024	.1064	.1038	.1044	.1017	.1022	.1039	.1041	.1040	.1072	.1077	.1020	.1001	90.
115.	.1035	.1045	.1018	.0994	.0955	.0973	.1007	.0990		.1020	.0979	.1002	.0993	115.
130.	.1033	.1040	.0996	.0979	.0949	.0957	.0989	.0998	.0974	.0991	.0992	.0970	.0936	130.
145.	.0976	.1061	.0994	.0995		.0998	.1005	.1009	.0999	.1010	.1038	.1009	.0875	145.
160.	.1134	.1088	.1111	.1119	.1114	.1136	.1145	.1114	.1121	.1146	.1155	.1148	.1109	160.
170.		.1500	.1457	.1485	.1526	.1552	.1580	.1582	.1523	.1534	.1518	.1549	.1488	170.
180.	.2860	.2841	.2860	.2894	.2841	.2819	.2850	.2831	.2836	.2833	.2828	.2831	.2776	180.
190.		.3331	.3322	.3417	.3445	.3397	.3375	.3349	.3382	.3420	.3327	.3345	.3309	190.
200.	.3213	.3159	.3210	.3237	.3279	.3215	.3229	.3224	.3262	.3247	.3206	.3270	.3134	200.
215.	.2912	.2985	.2941	.3017		.2969	.2989	.2996	.2994	.3017	.3016	.2926	.2783	215.
230.	.2853	.2833	.2853	.2843	.2808	.2836	.2852	.2827	.2822	.2859	.2902	.2817	.2713	230.
245.	.2761	.2764	.2799	.2763	.2728	.2764	.2799	.2740		.2761	.2842	.2770	.2683	245.
270.	.2697	.2760	.2760	.2752	.2719	.2723	.2751	.2735	.2714	.2731	.2745	.2702	.2668	270.
295.	.2741	.2750	.2768	.2742	.2732	.2776	.2789	.2737		.2734	.2692	.2733	.2643	295.
310.	.2742	.2740	.2754	.2741	.2712	.2757	.2745	.2738	.2750	.2737	.2666	.2695	.2634	310.
325.	.2698	.2772	.2723	.2797		.2747	.2771	.2776	.2758	.2772	.2694	.2659	.2597	325.
340.	.2735	.2738	.2803	.2791	.2775	.2745	.2781	.2778	.2779	.2787	.2728	.2705	.2562	340.
350.		.2689	.2697	.2721	.2684	.2654	.2695	.2676	.2682	.2711	.2657	.2624	.2553	350.
						FOR ALPHA = 3.35 DEG								
0.	.1916	.1944	.1930	.1964	.1930	.1885	.1919	.1922	.1922	.1913	.1925	.1908	.1879	0.
10.		.1202	.1187	.1170	.1197	.1175	.1176	.1205	.1194	.1187	.1191	.1186	.1171	10.
20.	.1061	.1047	.1097	.1059	.1040	.1013	.1042	.1039	.1087	.1051	.1049	.1147	.1144	20.
35.	.1046	.1079	.1023	.1062		.1050	.1037	.1020	.1020	.1081	.1140	.1122	.0979	35.
50.	.1087	.1077	.1041	.1050	.1042	.1049	.1056	.1023	.1026	.1106	.1163	.1087	.1024	50.
65.	.1079	.1081	.1058	.1053	.1041	.1059	.1080	.1031		.1130	.1152	.1061	.1010	65.
90.	.1008	.1047	.1028	.1033	.1004	.1013	.1031	.1031	.1048	.1059	.1057	.0999	.0995	90.
115.	.1008	.1022	.1002	.0984	.0948	.0957	.0990	.0974		.1009	.0950	.0981	.0991	115.
130.	.1009	.1017	.0986	.0961	.0935	.0940	.0974	.0983	.0972	.0972	.0968	.0948	.0934	130.
145.	.0987	.1061	.0989	.0978		.0990	.0991	.0988	.1006	.0994	.1023	.0999	.0874	145.
160.	.1165	.1117	.1145	.1138	.1161	.1151	.1171	.1126	.1168	.1165	.1175	.1185	.1156	160.
170.		.1616	.1549	.1571	.1651	.1639	.1659	.1683	.1629	.1635	.1612	.1672	.1589	170.
180.	.3069	.3043	.3052	.3102	.3043	.3022	.3038	.3038	.3046	.3040	.3034	.3036	.2976	180.
190.		.3512	.3495	.3572	.3619	.3557	.3560	.3531	.3543	.3596	.3516	.3538	.3492	190.
200.	.3323	.3275	.3341	.3356	.3377	.3351	.3366	.3345	.3360	.3366	.3343	.3394	.3255	200.
215.	.2989	.3065	.3011	.3075		.3043	.3057	.3051	.3038	.3073	.3101	.2988	.2837	215.
230.	.2868	.2860	.2885	.2873	.2829	.2865	.2896	.2861	.2853	.2903	.2938	.2848	.2741	230.
245.	.2761	.2786	.2810	.2786	.2756	.2790	.2818	.2757		.2791	.2828	.2778	.2697	245.
270.	.2670	.2753	.2741	.2746	.2707	.2711	.2741	.2726	.2709	.2717	.2728	.2684	.2664	270.
295.	.2687	.2731	.2720	.2700	.2702	.2739	.2756	.2687		.2699	.2650	.2693	.2620	295.
310.	.2699	.2697	.2705	.2676	.2672	.2709	.2696	.2685	.2720	.2677	.2599	.2645	.2599	310.
325.	.2617	.2686	.2660	.2699		.2684	.2682	.2690	.2700	.2675	.2581	.2583	.2525	325.
340.	.2619	.2628	.2681	.2652	.2658	.2630	.2657	.2648	.2665	.2657	.2586	.2563	.2563	340.
350.		.2514	.2532	.2550	.2512	.2496	.2515	.2506	.2506	.2533	.2461	.2448	.2394	350.
						FOR ALPHA = 5.35 DEG								
0.	.1620	.1629	.1622	.1665	.1609	.1575	.1636	.1629	.1612	.1611	.1616	.1618	.1581	0.
10.		.1081	.1051	.1052	.1053	.1058	.1083	.1068	.1061	.1104	.1049	.1087	.1120	10.
20.	.1054	.1007	.1024	.1005	.0992	.0976	.1023	.0999	.1011	.1022	.1072	.1124	.1004	20.
35.	.1006	.1051	.1003	.1032		.1004	.1000	.1004	.1023	.1118	.1123	.1009	.0932	35.
50.	.1061	.1047	.1017	.1030	.1026	.1019	.1008	.0993	.1082	.1146	.1075	.1028	.0986	50.
65.	.1048	.1048	.1017	.1017	.1014	.1038	.1033	.1004		.1146	.1037	.1021	.0988	65.
90.	.0968	.1019	.0988	.0992	.0970	.0984	.1000	.1003	.1037	.1025	.0982	.0960	.0959	90.
115.	.0951	.0964	.0952	.0928	.0900	.0915	.0960	.0933		.0939	.0898	.0950	.0947	115.
130.	.0961	.0967	.0921	.0911	.0873	.0889	.0940	.0939	.0927	.0956	.0904	.0904	.0885	130.
145.	.0968	.1024	.0948	.0943		.0956	.0976	.0966	.0959	.0974	.1032	.0946	.0838	145.
160.	.1208	.1173	.1209	.1203	.1197	.1204	.1208	.1188	.1208	.1224	.1220	.1261	.1205	160.
170.		.1804	.1777	.1780	.1834	.1647	.1873	.1873	.1815	.1857	.1827	.1866	.1781	170.
180.	.3485	.3465	.3466	.3535	.3460	.3437	.3464	.3466	.3453	.3459	.3453	.3464	.3399	180.
190.		.3892	.3885	.3987	.3978	.3916	.3919	.3915	.3923	.3958	.3892	.3910	.3826	190.
200.	.3563	.3519	.3619	.3597	.3603	.3581	.3610	.3601	.3622	.3624	.3612	.3609	.3487	200.
215.	.3101	.3205	.3142	.3167		.3181	.3183	.3177	.3162	.3246	.3207	.3070	.2945	215.
230.	.2915	.2955	.2945	.2920	.2901	.2933	.2949	.2917	.2917	.3001	.2931	.2863	.2813	230.
245.	.2789	.2842	.2826	.2808	.2767	.2806	.2831	.2770		.2844	.2792	.2771	.2716	245.
270.	.2671	.2758	.2713	.2702	.2675	.2692	.2723	.2705	.2675	.2682	.2673	.2640	.2630	270.
295.	.2642	.2665	.2640	.2618	.2637	.2678	.2671	.2636		.2578	.2601	.2605	.2549	295.
310.	.2589	.2617	.2583	.2568	.2565	.2593	.2583	.2601	.2576	.2512	.2519	.2515	.2474	310.
325.	.2468	.2553	.2491	.2497		.2522	.2542	.2554	.2507	.2450	.2457	.2435	.2337	325.
340.	.2391	.2395	.2422	.2396	.2419	.2388	.2411	.2392	.2423	.2357	.2283	.2359	.2316	340.
350.		.2206	.2218	.2202	.2165	.2194	.2214	.2196	.2193	.2183	.2119	.2125	.2120	350.

TABLE II. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 10.35 DEG							
0.		.1105	.1050	.1066	.1034	.1062	.1024	.1035	.1027	.1024	.0991	.0953	.0962	.0955
10.				.0930	.0936	.0912	.0934	.0884	.0845	.0809	.0816	.0814	.0798	.0781
20.			.0851	.0990	.0960	.0933	.0930	.0884	.0850	.0842	.0875	.0827	.0821	.0807
35.	.0907	.1023	.0786	.1053	.0929	.0960	.0936	.0899	.0856	.0892	.0878	.0859	.0830	.0817
50.				.1001	.0958		.0934	.0885	.0850	.0855	.0847	.0824	.0813	.0807
65.		.0947	.0709	.0896	.0928	.0918	.0914	.0877	.0843	.0840	.0824	.0786	.0801	.0801
90.	.0860	.0842	.0760	.0791	.0830	.0832	.0834	.0846	.0806		.0756	.0744	.0704	.0767
115.		.0797	.0784	.0720	.0767	.0761	.0781	.0808	.0747	.0716	.0695	.0661	.0666	.0681
130.				.0737	.0760		.0732	.0797	.0781	.0735	.0691	.0676	.0675	.0691
145.	.0840	.0899	.0856	.0766	.0801	.0842	.0806	.0852	.0856	.0848	.0803	.0811	.0812	.0801
160.			.1256	.1290	.1299	.1303	.1263	.1298	.1391	.1355	.1302	.1272	.1326	.1371
170.				.2756	.2726	.2694	.2617	.2580	.2644	.2606	.2530	.2476	.2480	.2512
180.		.4808	.4660	.4701	.4616	.4615	.4614	.4654	.4693	.4741	.4750	.4680	.4674	.4682
190.				.4884	.4831	.4824	.4839	.4849	.4848	.4886	.4912	.4864	.4892	.4906
200.			.4121	.4156	.4113	.4105	.4064	.4066	.4147	.4155	.4229	.4109	.4205	.4241
215.	.3309	.3462	.3400	.3407	.3320	.3359	.3299	.3343	.3364	.3452	.3409	.3399	.3418	.3454
230.				.3052	.3010		.2897	.2920	.2985	.3036	.2947	.2957	.2999	.3041
245.		.2812	.2848	.2767	.2781	.2710	.2686	.2673	.2700	.2772	.2703	.2687	.2761	.2821
270.	.2601	.2508	.2519	.2548	.2553	.2499	.2472	.2478	.2512		.2511	.2525	.2523	.2601
295.		.2336	.2220	.2360	.2399	.2360	.2354	.2322	.2290	.2327	.2342	.2355	.2348	.2347
310.				.2249	.2226		.2196	.2154	.2149	.2179	.2189	.2211	.2196	.2178
325.	.1916	.2008	.2101	.2090	.1974	.2043	.1986	.1953	.1970	.2019	.1995	.2009	.2011	.1983
340.			.1842	.1752	.1755	.1735	.1693	.1702	.1695	.1716	.1713	.1714	.1729	.1719
350.				.1370	.1391	.1343	.1409	.1384	.1355	.1380	.1384	.1392	.1398	.1371
							FOR ALPHA = 15.35 DEG							
0.		.0790	.0641	.0641	.0580	.0593	.0554	.0583	.0579	.0569	.0550	.0529	.0533	.0526
10.				.0705	.0697	.0686	.0686	.0676	.0663	.0638	.0616	.0627	.0633	.0621
20.			.0682	.0778	.0740	.0727	.0696	.0691	.0692	.0670	.0655	.0655	.0664	.0650
35.	.0655	.0798	.0472	.0716	.0661	.0683	.0646	.0645	.0652	.0629	.0606	.0633	.0624	.0614
50.				.0572	.0639		.0605	.0576	.0587	.0572	.0543	.0566	.0574	.0568
65.		.0658	.0474	.0471	.0582	.0573	.0566	.0536	.0532	.0531	.0522	.0516	.0534	.0524
90.	.0507	.0498	.0422	.0421	.0419	.0422	.0440	.0462	.0500		.0444	.0438	.0432	.0466
115.		.0453	.0442	.0416	.0357	.0325	.0373	.0430	.0476	.0436	.0405	.0389	.0423	.0398
130.				.0455	.0389		.0320	.0409	.0472	.0461	.0435	.0468	.0478	.0440
145.	.0659	.0712	.0746	.0712	.0609	.0630	.0602	.0604	.0634	.0655	.0663	.0738	.0751	.0687
160.			.1553	.1639	.1577	.1541	.1507	.1541	.1614	.1587	.1627	.1613	.1622	.1610
170.				.3660	.3545	.3514	.3456	.3457	.3424	.3337	.3335	.3363	.3320	.3248
180.		.6151	.5988	.6005	.5863	.5868	.5920	.5991	.6003	.6020	.6055	.6020	.6008	.5986
190.				.5826	.5829	.5828	.5941	.5979	.5969	.5941	.6003	.5961	.5938	.5948
200.			.4661	.4609	.4619	.4643	.4710	.4791	.4864	.4840	.4887	.4808	.4829	.4857
215.	.3538	.3739	.3561	.3554	.3467	.3560	.3606	.3702	.3727	.3728	.3766	.3739	.3694	.3638
230.				.2961	.2963		.3000	.3108	.3135	.3079	.3067	.3084	.3042	.2993
245.		.2722	.2677	.2598	.2615	.2562	.2699	.2778	.2732	.2695	.2722	.2673	.2689	.2624
270.	.2398	.2236	.2188	.2263	.2261	.2241	.2276	.2359	.2370		.2326	.2306	.2278	.2320
295.		.1962	.1984	.2019	.2034	.2014	.2021	.2017	.1999	.1976	.2010	.1993	.2013	.1984
310.				.1784	.1785		.1758	.1755	.1738	.1741	.1759	.1736	.1757	.1720
325.	.1401	.1445	.1472	.1503	.1446	.1453	.1425	.1441	.1449	.1471	.1461	.1424	.1434	.1419
340.			.1055	.1078	.1069	.1008	.0972	.1032	.1021	.1021	.1013	.1004	.1021	.1021
350.				.0692	.0714	.0598	.0669	.0693	.0626	.0646	.0627	.0586	.0642	.0659
							FOR ALPHA = 20.35 DEG							
0.		.0489	.0346	.0404	.0387	.0399	.0377	.0390	.0388	.0380	.0379	.0364	.0342	.0341
10.				.0606	.0565	.0525	.0526	.0490	.0532	.0564	.0524	.0485	.0485	.0466
20.			.0358	.0519	.0499	.0469	.0452	.0439	.0482	.0562	.0506	.0451	.0453	.0449
35.	.0267	.0435	.0180	.0388	.0369	.0380	.0349	.0343	.0387	.0463	.0375	.0341	.0337	.0321
50.				.0209	.0229		.0225	.0211	.0277	.0334	.0249	.0206	.0249	.0199
65.		.0236	.0112	.0093	.0114	.0139	.0176	.0154	.0235	.0276	.0208	.0129	.0148	.0142
90.	.0004	-.0002	-.0127	-.0088	-.0123	-.0130	-.0078	-.0021	.0038		.0070	.0010	-.0023	.0011
115.		.0034	-.0080	-.0075	-.0112	-.0144	-.0128	-.0039	-.0030	.0012	.0036	-.0052	-.0067	-.0109
130.				.0106	.0028		-.0015	.0065	.0073	.0084	.0132	.0085	.0040	-.0024
145.	.0562	.0678	.0637	.0628	.0601	.0667	.0618	.0623	.0646	.0631	.0721	.0702	.0648	.0569
160.			.1929	.1990	.1995	.1986	.1999	.2064	.2146	.2112	.2162	.2199	.2100	.2034
170.				.4584	.4505	.4490	.4472	.4452	.4421	.4334	.4331	.4384	.4280	.4178
180.		.7555	.7416	.7383	.7252	.7295	.7326	.7388	.7410	.7417	.7436	.7410	.7439	.7413
190.				.6993	.7009	.7036	.7076	.7083	.7072	.7052	.7106	.7097	.7068	.7074
200.			.5373	.5292	.5319	.5394	.5411	.5419	.5495	.5474	.5589	.5464	.5550	.5550
215.	.3753	.3968	.3934	.3771	.3782	.3886	.3870	.3882	.3971	.4004	.4035	.3998	.3948	.3895
230.				.2999	.2949		.3012	.3069	.3117	.3140	.3149	.3053	.3029	.3003
245.		.2613	.2576	.2433	.2461	.2530	.2605	.2607	.2594	.2637	.2601	.2510	.2519	.2526
270.	.2089	.1910	.1935	.1925	.1938	.1974	.2019	.2047	.2066		.2049	.2012	.1985	.2037
295.		.1490	.1525	.1573	.1625	.1593	.1611	.1662	.1592	.1534	.1588	.1587	.1607	.1605
310.				.1266	.1223		.1249	.1272	.1211	.1173	.1197	.1238	.1219	.1211
325.	.0722	.0776	.0833	.0841	.0784	.0812	.0830	.0857	.0779	.0788	.0816	.0835	.0810	.0805
340.			.0212	.0302	.0285	.0270	.0298	.0297	.0255	.0278	.0311	.0322	.0327	.0311
350.				.0078	.0068	.0005	.0126	.0052	-.0004	.0005	.0050	.0031	.0052	.0029

TABLE II. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.35 DEG								
0.	.0969	.1018	.1007	.1033	.0995	.0970	.0999	.1000	.0988	.1044	.1097	.1089	.1004	0.
10.		.0834	.0819	.0831	.0855	.0833	.0820	.0880	.0940	.0926	.0862	.0866	.0844	10.
20.	.0852	.0847	.0895	.0885	.0880	.0886	.0930	.0949	.0904	.0906	.0918	.0957	.0910	20.
35.	.0857	.0886	.0868	.0895		.0961	.1011	.0935	.0891	.0916	.0901	.0896	.0839	35.
50.	.0895	.0878	.0849	.0852	.0868	.0949	.1000	.0920	.0882	.0873	.0856	.0871	.0855	50.
65.	.0883	.0875	.0844	.0833	.0870	.0947	.1013	.0894		.0845	.0851	.0873	.0831	65.
90.	.0806	.0837	.0809	.0811	.0780	.0864	.0885	.0789	.0749	.0753	.0785	.0792	.0777	90.
115.	.0752	.0748	.0739	.0745	.0754	.0796	.0829	.0702		.0700	.0728	.0739	.0685	115.
130.	.0755	.0743	.0709	.0717	.0752	.0757	.0804	.0758	.0706	.0707	.0731	.0702	.0647	130.
145.	.0839	.0869	.0816	.0835		.0880	.0873	.0883	.0854	.0849	.0845	.0820	.0755	145.
160.	.1418	.1346	.1367	.1382	.1377	.1355	.1393	.1341	.1421	.1432	.1369	.1399	.1331	160.
170.		.2433	.2376	.2379	.2470	.2461	.2479	.2489	.2476	.2513	.2489	.2458	.2351	170.
180.	.4689	.4675	.4659	.4683	.4640	.4613	.4660	.4645	.4642	.4668	.4630	.4602	.4508	180.
190.		.4869	.4905	.4939	.4927	.4882	.4928	.4960	.4941	.4919	.4806	.4844	.4781	190.
200.	.4225	.4138	.4203	.4252	.4197	.4169	.4232	.4265	.4274	.4159	.4114	.4189	.4123	200.
215.	.3424	.3497	.3375	.3461		.3452	.3469	.3539	.3439	.3378	.3392	.3359	.3261	215.
230.	.3077	.3025	.2981	.3047	.3046	.3030	.3060	.3060	.2970	.2945	.2935	.2941	.2912	230.
245.	.2825	.2790	.2756	.2807	.2797	.2829	.2848	.2745		.2712	.2691	.2722	.2705	245.
270.	.2579	.2608	.2555	.2561	.2566	.2570	.2557	.2506	.2482	.2487	.2514	.2503	.2503	270.
295.	.2394	.2421	.2394	.2397	.2403	.2378	.2357	.2324		.2311	.2333	.2355	.2342	295.
310.	.2254	.2275	.2240	.2247	.2246	.2189	.2162	.2186	.2184	.2173	.2153	.2167	.2168	310.
325.	.2008	.2077	.2042	.2061		.2007	.1992	.2026	.1988	.1985	.1987	.1980	.1909	325.
340.	.1725	.1746	.1779	.1770	.1794	.1716	.1669	.1717	.1750	.1742	.1718	.1739	.1728	340.
350.		.1416	.1438	.1425	.1405	.1395	.1386	.1374	.1404	.1438	.1412	.1418	.1407	350.
						FOR ALPHA = 15.35 DEG								
0.	.0551	.0597	.0629	.0697	.0651	.0570	.0583	.0565	.0544	.0553	.0574	.0594	.0577	0.
10.		.0758	.0799	.0751	.0724	.0715	.0724	.0725	.0718	.0708	.0697	.0702	.0673	10.
20.	.0748	.0824	.0801	.0766	.0781	.0778	.0799	.0783	.0780	.0754	.0724	.0736	.0722	20.
35.	.0702	.0766	.0679	.0721		.0761	.0758	.0746	.0731	.0730	.0692	.0692	.0591	35.
50.	.0695	.0723	.0626	.0632	.0662	.0672	.0661	.0647	.0667	.0679	.0665	.0701	.0614	50.
65.	.0663	.0710	.0604	.0592	.0593	.0602	.0619	.0603		.0602	.0611	.0672	.0652	65.
90.	.0526	.0608	.0514	.0481	.0449	.0465	.0474	.0457	.0458	.0465	.0503	.0509	.0507	90.
115.	.0428	.0478	.0420	.0382	.0387	.0403	.0414	.0404		.0371	.0363	.0460	.0451	115.
130.	.0473	.0473	.0493	.0454	.0423	.0418	.0419	.0450	.0432	.0407	.0385	.0424	.0470	130.
145.	.0737	.0791	.0826	.0794		.0740	.0763	.0744	.0718	.0688	.0673	.0694	.0666	145.
160.	.1692	.1674	.1767	.1798	.1711	.1655	.1698	.1691	.1709	.1670	.1692	.1741	.1671	160.
170.		.3220	.3215	.3203	.3277	.3255	.3276	.3303	.3236	.3242	.3197	.3252	.3184	170.
180.	.6030	.5997	.5977	.6037	.5986	.5941	.6006	.5956	.5912	.5923	.5921	.5907	.5829	180.
190.		.5974	.5905	.6011	.5980	.5895	.5936	.5954	.5921	.5936	.5868	.5859	.5819	190.
200.	.4916	.4861	.4926	.4883	.4815	.4813	.4829	.4825	.4865	.4826	.4780	.4825	.4773	200.
215.	.3693	.3796	.3716	.3677		.3713	.3655	.3648	.3667	.3680	.3661	.3633	.3535	215.
230.	.3102	.3153	.3052	.3027	.3025	.3051	.3040	.3013	.3008	.3010	.3012	.2999	.2966	230.
245.	.2732	.2770	.2701	.2643	.2653	.2683	.2689	.2608		.2626	.2646	.2651	.2655	245.
270.	.2318	.2359	.2322	.2285	.2260	.2277	.2295	.2287	.2282	.2281	.2355	.2358	.2274	270.
295.	.2010	.1962	.2010	.2008	.1987	.2020	.2043	.2001		.2091	.2153	.2102	.1996	295.
310.	.1755	.1747	.1763	.1744	.1764	.1759	.1733	.1759	.1777	.1860	.1933	.1861	.1751	310.
325.	.1413	.1444	.1449	.1499		.1466	.1509	.1523	.1486	.1561	.1644	.1553	.1425	325.
340.	.1028	.1033	.1097	.1105	.1102	.1075	.1111	.1111	.1103	.1136	.1214	.1163	.1060	340.
350.		.0661	.0762	.0731	.0724	.0713	.0767	.0749	.0686	.0672	.0721	.0740	.0647	350.
						FOR ALPHA = 20.35 DEG								
0.	.0344	.0376	.0379	.0391	.0393	.0384	.0369	.0373	.0379	.0379	.0363	.0356	.0327	0.
10.		.0536	.0539	.0545	.0552	.0535	.0561	.0544	.0454	.0448	.0523	.0519	.0463	10.
20.	.0506	.0518	.0539	.0551	.0552	.0527	.0542	.0478	.0444	.0503	.0530	.0533	.0464	20.
35.	.0349	.0395	.0381	.0423		.0401	.0409	.0340	.0330	.0390	.0389	.0384	.0361	35.
50.	.0283	.0300	.0287	.0274	.0252	.0239	.0254	.0212	.0182	.0280	.0276	.0276	.0240	50.
65.	.0214	.0236	.0221	.0205	.0169	.0174	.0224	.0158		.0179	.0220	.0227	.0194	65.
90.	.0048	.0081	.0078	.0067	.0039	.0056	.0094	.0052	.0021	-.0016	.0027	.0026	.0015	90.
115.	-.0038	-.0057	-.0021	-.0027	-.0028	.0016	.0144	.0043		-.0010	-.0044	-.0037	-.0033	115.
130.	.0066	.0080	.0098	.0119	.0101	.0124	.0201	.0202	.0125	.0136	.0152	.0089	.0042	130.
145.	.0633	.0733	.0712	.0720		.0786	.0807	.0774	.0755	.0733	.0771	.0740	.0614	145.
160.	.2116	.2115	.2204	.2192	.2165	.2186	.2201	.2135	.2187	.2262	.2243	.2273	.2215	160.
170.		.4149	.4100	.4063	.4178	.4217	.4214	.4196	.4175	.4254	.4248	.4236	.4145	170.
180.	.7383	.7360	.7375	.7424	.7363	.7331	.7411	.7329	.7319	.7347	.7361	.7318	.7244	180.
190.		.6994	.6997	.7024	.7039	.6978	.7083	.7035	.7003	.7054	.6958	.6977	.6850	190.
200.	.5519	.5478	.5566	.5527	.5475	.5461	.5562	.5541	.5573	.5509	.5482	.5498	.5383	200.
215.	.3899	.3996	.3959	.3951		.4000	.3993	.4020	.3947	.3896	.3918	.3879	.3751	215.
230.	.3065	.3074	.3083	.3109	.3096	.3100	.3122	.3159	.3035	.2964	.3009	.3008	.2927	230.
245.	.2538	.2549	.2575	.2601	.2609	.2601	.2669	.2570		.2455	.2467	.2513	.2479	245.
270.	.2033	.2085	.2061	.2056	.2081	.2106	.2108	.2027	.2002	.2000	.2023	.2003	.2021	270.
295.	.1629	.1653	.1608	.1647	.1709	.1732	.1703	.1661		.1610	.1628	.1626	.1598	295.
310.	.1283	.1287	.1257	.1292	.1384	.1304	.1268	.1265	.1265	.1260	.1253	.1266	.1226	310.
325.	.0827	.0847	.0814	.0882		.0901	.0880	.0903	.0858	.0852	.0856	.0826	.0761	325.
340.	.0344	.0366	.0349	.0390	.0455	.0331	.0324	.0326	.0364	.0361	.0320	.0334	.0295	340.
350.		.0028	.0004	.0042	.0076	.0028	-.0010	.0007	.0009	.0025	.0013	.0012	-.0021	350.

TABLE II. - CONTINUED

(E) MACH = 2.50, BETA = .00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -4.50 DEG							
0.		.3453	.3292	.3406	.3363	.3388	.3339	.3380	.3337	.3375	.3349	.3342	.3333	.3354
10.				.2869	.2879	.2877	.2902	.2843	.2825	.2803	.2796	.2806	.2785	.2752
20.			.2214	.2175	.2186	.2211	.2199	.2175	.2196	.2150	.2150	.2149	.2162	.2166
35.	.1768	.1810	.1693	.1769	.1723	.1775	.1745	.1731	.1743	.1726	.1724	.1758	.1755	.1716
50.				.1630	.1586		.1543	.1580	.1600	.1575	.1553	.1564	.1554	.1527
65.		.1541	.1443	.1515	.1498	.1497	.1479	.1503	.1521	.1505	.1493	.1449	.1455	.1432
90.	.1423	.1355	.1256	.1312	.1335	.1323	.1338	.1339	.1371		.1301	.1299	.1282	.1304
115.		.1246	.1122	.1150	.1166	.1230	.1238	.1196	.1234	.1194	.1187	.1173	.1172	.1171
130.				.1129	.1152		.1213	.1195	.1210	.1185	.1172	.1184	.1169	.1178
145.	.1233	.1268	.1141	.1142	.1153	.1211	.1202	.1198	.1202	.1205	.1210	.1209	.1186	.1190
160.			.1213	.1237	.1262	.1264	.1260	.1272	.1274	.1283	.1290	.1256	.1258	.1271
170.				.1409	.1398	.1405	.1440	.1422	.1416	.1441	.1430	.1417	.1387	.1392
180.		.1621	.1541	.1585	.1526	.1567	.1554	.1584	.1574	.1608	.1617	.1558	.1568	.1544
							FOR ALPHA = -2.50 DEG							
0.		.3007	.2911	.2983	.2918	.2932	.2875	.2909	.2939	.2978	.2947	.2904	.2900	.2897
10.				.2563	.2524	.2523	.2537	.2490	.2483	.2541	.2459	.2488	.2460	.2475
20.			.2030	.2013	.2016	.2002	.1997	.1976	.1998	.2007	.1990	.1944	.1986	.2010
35.	.1697	.1734	.1645	.1696	.1650	.1681	.1642	.1647	.1665	.1681	.1667	.1656	.1634	.1662
50.				.1568	.1558		.1534	.1537	.1572	.1549	.1522	.1513	.1516	.1538
65.		.1546	.1419	.1491	.1496	.1478	.1518	.1486	.1521	.1476	.1465	.1434	.1457	.1472
90.	.1456	.1390	.1279	.1309	.1367	.1363	.1377	.1369	.1383		.1335	.1335	.1321	.1326
115.		.1310	.1170	.1190	.1234	.1277	.1276	.1274	.1272	.1255	.1243	.1210	.1222	.1213
130.				.1223	.1274		.1272	.1283	.1289	.1262	.1234	.1238	.1237	.1242
145.	.1293	.1328	.1234	.1299	.1248	.1307	.1282	.1288	.1308	.1305	.1296	.1277	.1281	.1297
160.			.1354	.1442	.1433	.1439	.1410	.1421	.1438	.1431	.1421	.1390	.1413	.1424
170.				.1656	.1653	.1660	.1686	.1645	.1643	.1670	.1632	.1672	.1681	.1648
180.		.1910	.1855	.1910	.1856	.1876	.1849	.1888	.1861	.1869	.1867	.1842	.1899	.1845
							FOR ALPHA = -1.50 DEG							
0.		.2832	.2700	.2730	.2678	.2736	.2701	.2746	.2736	.2733	.2717	.2739	.2693	.2714
10.				.2389	.2368	.2364	.2383	.2357	.2340	.2362	.2339	.2365	.2332	.2335
20.			.1892	.1921	.1909	.1918	.1920	.1896	.1905	.1905	.1920	.1896	.1892	.1926
35.	.1670	.1704	.1620	.1652	.1605	.1633	.1599	.1609	.1639	.1621	.1634	.1638	.1617	.1623
50.				.1531	.1555		.1501	.1516	.1546	.1513	.1572	.1509	.1507	.1505
65.		.1547	.1442	.1439	.1500	.1465	.1481	.1484	.1513	.1462	.1461	.1436	.1463	.1438
90.	.1461	.1409	.1314	.1323	.1345	.1363	.1378	.1364	.1392		.1326	.1330	.1309	.1333
115.		.1317	.1214	.1227	.1260	.1258	.1285	.1280	.1294	.1253	.1254	.1232	.1232	.1225
130.				.1231	.1289		.1281	.1298	.1298	.1280	.1253	.1278	.1268	.1236
145.	.1315	.1353	.1277	.1345	.1290	.1330	.1322	.1336	.1347	.1348	.1327	.1343	.1327	.1310
160.			.1424	.1500	.1476	.1502	.1496	.1503	.1519	.1478	.1494	.1476	.1502	.1495
170.				.1781	.1781	.1788	.1808	.1802	.1788	.1781	.1743	.1780	.1801	.1770
180.		.2111	.2018	.2053	.2006	.2052	.2053	.2061	.2102	.2059	.2027	.2060	.2042	.2027
							FOR ALPHA = -.50 DEG							
0.		.2600	.2495	.2536	.2521	.2545	.2481	.2509	.2543	.2568	.2547	.2521	.2521	.2523
10.				.2205	.2231	.2216	.2233	.2219	.2220	.2237	.2184	.2212	.2220	.2177
20.			.1796	.1823	.1830	.1826	.1815	.1804	.1836	.1819	.1823	.1826	.1845	.1839
35.	.1637	.1655	.1584	.1613	.1571	.1603	.1563	.1560	.1603	.1595	.1591	.1613	.1592	.1587
50.				.1496	.1523		.1502	.1496	.1519	.1500	.1482	.1484	.1491	.1483
65.		.1530	.1449	.1429	.1476	.1481	.1490	.1480	.1503	.1463	.1454	.1427	.1452	.1440
90.	.1473	.1423	.1302	.1323	.1320	.1379	.1388	.1381	.1385		.1340	.1318	.1316	.1340
115.		.1318	.1213	.1231	.1276	.1258	.1306	.1272	.1303	.1262	.1262	.1241	.1244	.1220
130.				.1247	.1315		.1314	.1294	.1327	.1296	.1274	.1280	.1284	.1251
145.	.1353	.1401	.1323	.1349	.1333	.1366	.1351	.1366	.1391	.1373	.1368	.1361	.1351	.1332
160.			.1505	.1546	.1560	.1563	.1563	.1562	.1593	.1556	.1556	.1535	.1557	.1573
170.				.1927	.1928	.1920	.1937	.1925	.1911	.1925	.1872	.1889	.1881	.1900
180.		.2289	.2195	.2250	.2226	.2259	.2219	.2274	.2254	.2294	.2232	.2208	.2199	.2272
							FOR ALPHA = .50 DEG							
0.		.2468	.2305	.2380	.2302	.2346	.2373	.2356	.2365	.2361	.2432	.2353	.2330	.2313
10.				.2094	.2082	.2085	.2117	.2066	.2064	.2074	.2103	.2049	.2073	.2042
20.			.1710	.1764	.1749	.1767	.1758	.1749	.1746	.1750	.1767	.1744	.1761	.1742
35.	.1591	.1609	.1506	.1573	.1530	.1571	.1532	.1536	.1567	.1565	.1546	.1548	.1546	.1535
50.				.1467	.1504		.1495	.1488	.1503	.1482	.1464	.1466	.1467	.1473
65.		.1535	.1426	.1440	.1468	.1466	.1481	.1464	.1486	.1456	.1442	.1415	.1442	.1441
90.	.1476	.1430	.1303	.1319	.1326	.1391	.1376	.1366	.1392		.1341	.1319	.1337	.1333
115.		.1320	.1238	.1195	.1293	.1267	.1310	.1283	.1314	.1268	.1252	.1230	.1263	.1269
130.				.1268	.1342		.1325	.1315	.1345	.1306	.1284	.1297	.1287	.1343
145.	.1397	.1449	.1378	.1395	.1362	.1403	.1383	.1385	.1411	.1420	.1414	.1418	.1386	.1377
160.			.1584	.1623	.1643	.1632	.1622	.1627	.1658	.1651	.1637	.1626	.1626	.1645
170.				.2038	.2060	.2085	.2081	.2058	.2049	.2059	.2046	.2037	.2006	.2020
180.		.2463	.2355	.2417	.2424	.2442	.2368	.2432	.2479	.2457	.2397	.2341	.2369	.2367
							FOR ALPHA = 1.50 DEG							
0.		.2235	.2150	.2174	.2105	.2143	.2147	.2173	.2165	.2196	.2194	.2168	.2169	.2133
10.				.1959	.1931	.1932	.1963	.1940	.1932	.1940	.1937	.1956	.1921	.1918
20.			.1613	.1685	.1685	.1690	.1665	.1668	.1667	.1686	.1686	.1661	.1676	.1675
35.	.1542	.1557	.1474	.1541	.1502	.1526	.1503	.1506	.1520	.1514	.1496	.1523	.1512	.1501
50.				.1436	.1495		.1470	.1465	.1494	.1449	.1422	.1456	.1451	.1471
65.		.1509	.1411	.1428	.1469	.1464	.1457	.1442	.1480	.1437	.1432	.1417	.1439	.1431
90.	.1476	.1409	.1302	.1321	.1336	.1379	.1379	.1364	.1394		.1333	.1325	.1321	.1343
115.		.1329	.1228	.1250	.1289	.1270	.1295	.1298	.1316	.1281	.1266	.1233	.1251	.1243
130.				.1342	.1346		.1328	.1345	.1355	.1345	.1315	.1294	.1307	.1311
145.	.1435	.1485	.1406	.1445	.1391	.1445	.1423	.1423	.1444	.1441	.1446	.1440	.1419	.1398
160.			.1677	.1723	.1708	.1741	.1738	.1695	.1732	.1735	.1731	.1697	.1716	.1728
170.				.2191	.2192	.2211	.2243	.2193	.2165	.2180	.2189	.2197	.2157	.2158
180.		.2695	.2590	.2642	.2577	.2628	.2604	.2637	.2637	.2695	.2654	.2603	.2617	.2600

TABLE II. - CONTINUED

(E) MACH = 2.50, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.50 DEG								
0.	.3354	.3377	.3402	.3452	.3415	.3416	.3356	.3347	.3348	.3376	.3347	.3345	.3292	0.
10.		.2805	.2794	.2810	.2845	.2827	.2811	.2841	.2805	.2797	.2783	.2797	.2752	10.
20.	.2223	.2192	.2237	.2243	.2239	.2192	.2203	.2211	.2207	.2212	.2198	.2241	.2184	20.
35.	.1744	.1804	.1759	.1754		.1737	.1755	.1760	.1767	.1758	.1749	.1737	.1667	35.
50.	.1565	.1573	.1557	.1555	.1576	.1552	.1571	.1571	.1579	.1554	.1532	.1540	.1501	50.
65.	.1474	.1480	.1486	.1470	.1474	.1503	.1516	.1458		.1422	.1449	.1475	.1455	65.
90.	.1295	.1322	.1290	.1292	.1285	.1289	.1296	.1283	.1272	.1256	.1258	.1272	.1268	90.
115.	.1193	.1179	.1150	.1164	.1149	.1156	.1136	.1142		.1092	.1099	.1156	.1135	115.
130.	.1190	.1175	.1136	.1153	.1137	.1138	.1118	.1138	.1126	.1103	.1107	.1115	.1100	130.
145.	.1173	.1202	.1127	.1166		.1139	.1141	.1152	.1139	.1131	.1135	.1106	.1070	145.
160.	.1262	.1235	.1236	.1254	.1237	.1207	.1217	.1207	.1224	.1231	.1196	.1196	.1182	160.
170.		.1389	.1365	.1373	.1371	.1359	.1367	.1353	.1353	.1362	.1321	.1313	.1291	170.
180.	.1515	.1580	.1549	.1567	.1533	.1519	.1528	.1511	.1505	.1513	.1498	.1489	.1454	180.
						FOR ALPHA = -2.50 DEG								
0.	.2944	.2980	.2989	.2982	.2927	.2914	.2922	.2941	.2979	.2904	.2933	.2910	.2894	0.
10.		.2542	.2482	.2491	.2493	.2509	.2504	.2506	.2507	.2492	.2439	.2504	.2459	10.
20.	.2035	.2040	.2021	.2044	.2037	.2015	.2035	.2011	.2022	.2027	.1999	.2026	.2037	20.
35.	.1671	.1733	.1671	.1672		.1703	.1675	.1679	.1668	.1666	.1659	.1650	.1625	35.
50.	.1561	.1544	.1532	.1529	.1522	.1555	.1529	.1549	.1533	.1510	.1500	.1505	.1500	50.
65.	.1492	.1467	.1448	.1473	.1476	.1492	.1485	.1445		.1450	.1441	.1472	.1453	65.
90.	.1320	.1327	.1314	.1337	.1319	.1310	.1316	.1313	.1297	.1304	.1306	.1304	.1294	90.
115.	.1231	.1207	.1214	.1237	.1195	.1216	.1226	.1205		.1159	.1174	.1202	.1191	115.
130.	.1247	.1237	.1211	.1231	.1206	.1207	.1222	.1203	.1207	.1159	.1160	.1185	.1173	130.
145.	.1264	.1315	.1268	.1273		.1249	.1261	.1261	.1247	.1224	.1223	.1221	.1183	145.
160.	.1424	.1401	.1431	.1404	.1409	.1365	.1381	.1373	.1379	.1376	.1348	.1383	.1366	160.
170.		.1656	.1630	.1642	.1631	.1598	.1618	.1605	.1590	.1582	.1553	.1567	.1525	170.
180.	.1873	.1909	.1874	.1891	.1871	.1829	.1836	.1842	.1825	.1830	.1805	.1850	.1779	180.
						FOR ALPHA = -1.50 DEG								
0.	.2753	.2760	.2773	.2768	.2750	.2707	.2726	.2729	.2743	.2737	.2752	.2722	.2666	0.
10.		.2370	.2331	.2318	.2390	.2370	.2343	.2346	.2354	.2362	.2340	.2330	.2279	10.
20.	.1945	.1934	.1928	.1953	.1942	.1918	.1938	.1928	.1927	.1943	.1927	.1948	.1926	20.
35.	.1640	.1684	.1622	.1650		.1646	.1639	.1625	.1620	.1645	.1622	.1614	.1567	35.
50.	.1552	.1551	.1501	.1524	.1510	.1515	.1512	.1528	.1503	.1496	.1484	.1503	.1463	50.
65.	.1493	.1487	.1466	.1472	.1467	.1475	.1473	.1459		.1428	.1432	.1466	.1425	65.
90.	.1332	.1355	.1334	.1322	.1324	.1329	.1325	.1317	.1292	.1299	.1313	.1315	.1284	90.
115.	.1233	.1249	.1234	.1233	.1199	.1229	.1233	.1212		.1177	.1185	.1201	.1188	115.
130.	.1261	.1269	.1250	.1244	.1223	.1237	.1245	.1244	.1219	.1201	.1205	.1201	.1194	130.
145.	.1280	.1352	.1294	.1306		.1291	.1294	.1285	.1279	.1268	.1284	.1282	.1201	145.
160.	.1494	.1486	.1503	.1493	.1472	.1451	.1462	.1454	.1462	.1436	.1455	.1478	.1438	160.
170.		.1775	.1745	.1744	.1743	.1738	.1742	.1750	.1700	.1710	.1690	.1744	.1663	170.
180.	.2086	.2092	.2040	.2092	.2044	.2000	.2021	.2015	.2000	.2006	.2014	.1971	.1968	180.
						FOR ALPHA = -.50 DEG								
0.	.2570	.2576	.2538	.2580	.2540	.2516	.2529	.2573	.2576	.2525	.2523	.2517	.2471	0.
10.		.2227	.2185	.2196	.2203	.2200	.2200	.2225	.2209	.2195	.2170	.2200	.2145	10.
20.	.1865	.1843	.1859	.1871	.1868	.1839	.1833	.1847	.1847	.1854	.1851	.1868	.1837	20.
35.	.1586	.1640	.1608	.1589		.1608	.1594	.1591	.1579	.1585	.1579	.1581	.1519	35.
50.	.1528	.1547	.1509	.1496	.1504	.1501	.1503	.1509	.1495	.1477	.1461	.1489	.1455	50.
65.	.1482	.1496	.1466	.1458	.1448	.1472	.1494	.1439		.1430	.1419	.1459	.1435	65.
90.	.1327	.1349	.1332	.1316	.1319	.1335	.1341	.1313	.1307	.1316	.1313	.1319	.1296	90.
115.	.1252	.1230	.1233	.1231	.1215	.1243	.1260	.1222		.1214	.1185	.1221	.1194	115.
130.	.1271	.1272	.1263	.1270	.1249	.1273	.1254	.1265	.1252	.1230	.1221	.1222	.1191	130.
145.	.1317	.1383	.1343	.1349		.1356	.1319	.1332	.1316	.1309	.1303	.1301	.1232	145.
160.	.1564	.1571	.1562	.1588	.1561	.1537	.1546	.1531	.1525	.1532	.1498	.1536	.1515	160.
170.		.1929	.1861	.1881	.1882	.1873	.1866	.1885	.1835	.1832	.1805	.1840	.1821	170.
180.	.2252	.2277	.2264	.2287	.2245	.2185	.2217	.2197	.2210	.2202	.2183	.2159	.2159	180.
						FOR ALPHA = .50 DEG								
0.	.2324	.2340	.2390	.2372	.2360	.2356	.2344	.2345	.2339	.2389	.2329	.2314	.2286	0.
10.		.2085	.2063	.2056	.2084	.2077	.2090	.2068	.2072	.2100	.2051	.2058	.1991	10.
20.	.1797	.1765	.1780	.1781	.1786	.1737	.1768	.1770	.1784	.1785	.1745	.1766	.1725	20.
35.	.1557	.1570	.1556	.1547		.1580	.1566	.1554	.1558	.1563	.1553	.1531	.1490	35.
50.	.1494	.1505	.1480	.1480	.1483	.1489	.1484	.1478	.1481	.1455	.1449	.1478	.1450	50.
65.	.1461	.1465	.1453	.1447	.1446	.1435	.1480	.1428		.1431	.1426	.1453	.1437	65.
90.	.1333	.1359	.1328	.1336	.1320	.1335	.1326	.1323	.1300	.1312	.1315	.1320	.1300	90.
115.	.1270	.1265	.1235	.1247	.1249	.1263	.1251	.1254		.1227	.1209	.1233	.1199	115.
130.	.1306	.1311	.1256	.1294	.1277	.1292	.1279	.1298	.1274	.1258	.1237	.1230	.1214	130.
145.	.1379	.1423	.1359	.1404		.1393	.1366	.1376	.1353	.1339	.1344	.1317	.1289	145.
160.	.1657	.1647	.1667	.1676	.1648	.1613	.1609	.1599	.1622	.1619	.1598	.1612	.1597	160.
170.		.2048	.2005	.2026	.2008	.1985	.1998	.2011	.1997	.1963	.1949	.1968	.1949	170.
180.	.2466	.2434	.2432	.2486	.2471	.2390	.2397	.2393	.2390	.2385	.2379	.2370	.2322	180.
						FOR ALPHA = 1.50 DEG								
0.	.2157	.2189	.2189	.2171	.2157	.2169	.2161	.2146	.2135	.2143	.2161	.2115	.2078	0.
10.		.1946	.1927	.1926	.1944	.1956	.1938	.1917	.1920	.1935	.1900	.1901	.1870	10.
20.	.1689	.1658	.1684	.1701	.1692	.1674	.1687	.1675	.1685	.1675	.1667	.1671	.1640	20.
35.	.1507	.1554	.1498	.1530		.1520	.1516	.1530	.1516	.1507	.1505	.1479	.1460	35.
50.	.1474	.1473	.1462	.1465	.1455	.1446	.1453	.1461	.1448	.1437	.1434	.1452	.1423	50.
65.	.1435	.1454	.1446	.1442	.1436	.1449	.1453	.1438		.1405	.1410	.1466	.1422	65.
90.	.1320	.1351	.1336	.1348	.1323	.1323	.1339	.1321	.1303	.1297	.1311	.1324	.1302	90.
115.	.1278	.1266	.1254	.1243	.1267	.1274	.1278	.1246		.1235	.1227	.1240	.1229	115.
130.	.1327	.1316	.1292	.1301	.1299	.1302	.1305	.1317	.1305	.1279	.1257	.1263	.1232	130.
145.	.1428	.1467	.1409	.1427		.1442	.1428	.1408	.1420	.1402	.1367	.1373	.1341	145.
160.	.1736	.1711	.1748	.1752	.1738	.1711	.1705	.1697	.1699	.1705	.1669	.1695	.1551	160.
170.		.2220	.2179	.2160	.2194	.2175	.2134	.2144	.2141	.2133	.2076	.2107	.2092	170.
180.	.2657	.2680	.2642	.2678	.2645	.2614	.2591	.2557	.2573	.2586	.2600	.2567	.2542	180.

TABLE II. - CONTINUED

(E) MACH = 2.50, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.50 DEG								
0.		.2070	.1971	.2005	.1969	.1996	.1994	.2015	.2017	.2015	.2032	.1980	.1996	.1982
10.				.1838	.1830	.1817	.1838	.1845	.1811	.1825	.1836	.1831	.1808	.1870
20.			.1546	.1612	.1607	.1608	.1591	.1607	.1630	.1591	.1614	.1586	.1598	.1592
35.	.1506	.1529	.1444	.1483	.1449	.1488	.1472	.1486	.1496	.1483	.1468	.1495	.1458	.1456
50.				.1422	.1469		.1463	.1444	.1445	.1423	.1411	.1439	.1439	.1407
65.		.1513	.1382	.1400	.1432	.1463	.1452	.1426	.1444	.1423	.1418	.1422	.1430	.1416
90.	.1455	.1406	.1297	.1320	.1344	.1353	.1371	.1360	.1380		.1326	.1317	.1308	.1335
115.		.1344	.1221	.1293	.1292	.1267	.1297	.1300	.1322	.1260	.1281	.1243	.1247	.1249
130.				.1369	.1356		.1326	.1340	.1381	.1342	.1330	.1319	.1322	.1320
145.	.1469	.1525	.1412	.1485	.1433	.1457	.1472	.1465	.1470	.1470	.1476	.1470	.1472	.1440
160.			.1808	.1774	.1805	.1799	.1820	.1797	.1815	.1810	.1796	.1782	.1792	.1804
170.				.2359	.2358	.2339	.2375	.2354	.2339	.2325	.2301	.2329	.2321	.2289
180.		.2889	.2785	.2855	.2792	.2830	.2796	.2831	.2795	.2873	.2886	.2815	.2807	.2818
						FOR ALPHA = 3.50 DEG								
0.		.1896	.1816	.1829	.1802	.1848	.1840	.1857	.1846	.1852	.1844	.1852	.1825	.1828
10.				.1683	.1690	.1696	.1722	.1688	.1703	.1700	.1685	.1695	.1682	.1695
20.			.1495	.1532	.1520	.1547	.1535	.1522	.1558	.1540	.1576	.1497	.1513	.1504
35.	.1466	.1497	.1389	.1390	.1390	.1432	.1429	.1426	.1446	.1445	.1423	.1410	.1419	.1425
50.				.1388	.1395		.1454	.1423	.1415	.1417	.1393	.1388	.1393	.1385
65.		.1497	.1353	.1393	.1373	.1451	.1450	.1411	.1422	.1387	.1394	.1376	.1393	.1366
90.	.1438	.1380	.1278	.1330	.1341	.1329	.1348	.1348	.1352		.1312	.1309	.1283	.1334
115.		.1332	.1233	.1284	.1272	.1261	.1285	.1294	.1307	.1285	.1275	.1254	.1250	.1245
130.				.1371	.1341		.1334	.1353	.1370	.1366	.1330	.1358	.1339	.1321
145.	.1493	.1546	.1434	.1510	.1457	.1521	.1504	.1502	.1500	.1500	.1494	.1512	.1506	.1488
160.			.1911	.1853	.1861	.1907	.1893	.1914	.1907	.1879	.1889	.1882	.1876	.1875
170.				.2515	.2504	.2510	.2530	.2497	.2487	.2506	.2441	.2464	.2478	.2438
180.		.3119	.3014	.3061	.2988	.3029	.3027	.3064	.3040	.3109	.3097	.3066	.3041	.3053
						FOR ALPHA = 5.50 DEG								
0.		.1618	.1530	.1555	.1538	.1556	.1575	.1585	.1588	.1577	.1592	.1569	.1552	.1539
10.				.1460	.1471	.1476	.1516	.1502	.1498	.1479	.1470	.1466	.1496	.1463
20.			.1346	.1362	.1372	.1382	.1382	.1393	.1395	.1389	.1399	.1366	.1383	.1370
35.	.1379	.1423	.1286	.1314	.1289	.1373	.1351	.1348	.1356	.1347	.1340	.1331	.1329	.1320
50.				.1312	.1339		.1384	.1378	.1358	.1332	.1318	.1323	.1320	.1328
65.		.1401	.1288	.1335	.1350	.1363	.1403	.1377	.1395	.1357	.1348	.1335	.1341	.1337
90.	.1388	.1324	.1224	.1276	.1300	.1277	.1296	.1313	.1330		.1304	.1296	.1273	.1284
115.		.1306	.1207	.1250	.1266	.1247	.1288	.1288	.1304	.1262	.1272	.1230	.1244	.1236
130.				.1387	.1364		.1376	.1371	.1404	.1347	.1333	.1356	.1353	.1345
145.	.1554	.1625	.1486	.1554	.1528	.1560	.1582	.1549	.1557	.1562	.1558	.1578	.1560	.1552
160.			.2104	.2014	.2052	.2079	.2073	.2066	.2094	.2057	.2057	.2053	.2055	.2063
170.				.2841	.2836	.2886	.2885	.2850	.2806	.2818	.2792	.2808	.2780	.2762
180.		.3607	.3413	.3518	.3454	.3488	.3509	.3530	.3492	.3543	.3562	.3507	.3475	.3466
						FOR ALPHA = 10.50 DEG								
0.		.1054	.0944	.0966	.0946	.0979	.0989	.1008	.1004	.1000	.1007	.0981	.0984	.0975
10.				.0948	.0979	.0966	.1034	.1007	.0999	.1015	.0999	.1004	.1006	.0992
20.			.0979	.0989	.1016	.1017	.1032	.1025	.1019	.1014	.1037	.1017	.1003	.1002
35.	.1052	.1096	.1008	.1028	.1051	.1088	.1064	.1058	.1063	.1057	.1063	.1052	.1012	.1054
50.				.1109	.1129		.1131	.1120	.1124	.1093	.1099	.1108	.1039	.1093
65.		.1176	.1101	.1172	.1187	.1184	.1194	.1185	.1205	.1172	.1167	.1162	.1158	.1148
90.	.1241	.1159	.1076	.1158	.1143	.1134	.1162	.1177	.1195		.1171	.1160	.1141	.1156
115.		.1245	.1125	.1186	.1168	.1155	.1206	.1244	.1266	.1209	.1217	.1202	.1199	.1196
130.				.1373	.1358		.1375	.1400	.1410	.1389	.1374	.1411	.1374	.1362
145.	.1726	.1831	.1735	.1717	.1704	.1747	.1740	.1756	.1763	.1771	.1750	.1789	.1756	.1731
160.			.2623	.2564	.2561	.2589	.2573	.2611	.2622	.2601	.2621	.2575	.2561	.2601
170.				.3805	.3823	.3863	.3822	.3841	.3746	.3739	.3702	.3748	.3698	.3716
180.		.4940	.4694	.4790	.4741	.4808	.4839	.4797	.4769	.4888	.4891	.4813	.4790	.4842
						FOR ALPHA = 15.50 DEG								
0.		.0694	.0545	.0559	.0530	.0566	.0600	.0618	.0606	.0598	.0623	.0595	.0598	.0596
10.				.0568	.0541	.0555	.0617	.0608	.0596	.0581	.0613	.0599	.0593	.0601
20.			.0569	.0589	.0616	.0614	.0600	.0620	.0624	.0612	.0631	.0625	.0630	.0622
35.	.0682	.0701	.0631	.0685	.0689	.0700	.0690	.0688	.0694	.0680	.0690	.0686	.0692	.0685
50.				.0781	.0806		.0793	.0799	.0788	.0766	.0772	.0764	.0782	.0782
65.		.0876	.0832	.0895	.0915	.0905	.0916	.0924	.0941	.0891	.0891	.0804	.0889	.0889
90.	.1046	.0932	.0838	.0937	.0917	.0922	.0945	.0975	.0972		.0951	.0958	.0923	.0976
115.		.1206	.1119	.1115	.1074	.1089	.1137	.1146	.1137	.1119	.1128	.1120	.1085	.1117
130.				.1418	.1372		.1394	.1412	.1413	.1439	.1376	.1455	.1421	.1421
145.	.2001	.2092	.2063	.1974	.1928	.2012	.2011	.1996	.1984	.2015	.2004	.2063	.2042	.2012
160.			.3215	.3165	.3157	.3233	.3232	.3233	.3264	.3246	.3255	.3230	.3243	.3234
170.				.4863	.4903	.4950	.4933	.4890	.4866	.4836	.4827	.4868	.4825	.4832
180.		.6396	.6213	.6215	.6209	.6219	.6302	.6310	.6305	.6281	.6364	.6262	.6278	.6310
						FOR ALPHA = 20.50 DEG								
0.		.0368	.0268	.0267	.0277	.0353	.0354	.0353	.0342	.0342	.0361	.0351	.0349	.0346
10.				.0196	.0191	.0249	.0288	.0280	.0278	.0283	.0296	.0291	.0329	.0328
20.			.0134	.0146	.0144	.0148	.0175	.0189	.0198	.0216	.0235	.0237	.0299	.0301
35.	.0215	.0227	.0195	.0236	.0207	.0206	.0222	.0227	.0219	.0231	.0247	.0248	.0286	.0267
50.				.0370	.0344		.0390	.0371	.0359	.0344	.0359	.0359	.0303	.0367
65.		.0495	.0469	.0564	.0536	.0595	.0599	.0597	.0604	.0560	.0561	.0555	.0549	.0538
90.	.0886	.0716	.0638	.0678	.0676	.0704	.0724	.0728	.0740		.0718	.0726	.0701	.0735
115.		.1221	.1053	.1048	.1066	.1057	.1070	.1097	.1120	.1103	.1078	.1040	.1044	.1042
130.				.1509	.1502		.1494	.1524	.1558	.1533	.1492	.1515	.1482	.1514
145.	.2258	.2449	.2402	.2256	.2289	.2364	.2349	.2310	.2342	.2328	.2318	.2343	.2338	.2355
160.			.3806	.3811	.3892	.3878	.3869	.3888	.3935	.3958	.3974	.3953	.3928	.3984
170.				.6065	.6111	.6107	.6055	.6036	.6021	.6000	.5995	.6030	.6017	.5936
180.		.7885	.7750	.7787	.7719	.7728	.7784	.7852	.7838	.7902	.7990	.7892	.7894	.7891

TABLE II. - CONTINUED

(E) MACH = 2.50, BETA = .00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.	.1991	.2031	.2015	.2045	.2010	.1976	.2002	.1986	.1973	.2007	.1972	.1960	.1932	0.
10.		.1831	.1801	.1817	.1817	.1810	.1824	.1829	.1782	.1806	.1766	.1782	.1731	10.
20.	.1613	.1586	.1613	.1619	.1615	.1598	.1623	.1617	.1616	.1607	.1601	.1585	.1563	20.
35.	.1472	.1522	.1463	.1485		.1487	.1477	.1484	.1474	.1465	.1464	.1454	.1374	35.
50.	.1452	.1452	.1434	.1435	.1430	.1427	.1427	.1423	.1428	.1413	.1429	.1431	.1395	50.
65.	.1434	.1451	.1424	.1425	.1426	.1449	.1442	.1418		.1402	.1399	.1429	.1410	65.
90.	.1333	.1356	.1338	.1323	.1317	.1324	.1336	.1315	.1294	.1302	.1309	.1308	.1294	90.
115.	.1292	.1268	.1273	.1261	.1242	.1278	.1297	.1250		.1227	.1226	.1257	.1224	115.
130.	.1335	.1342	.1321	.1317	.1297	.1325	.1334	.1336	.1305	.1315	.1282	.1269	.1253	130.
145.	.1433	.1498	.1464	.1463		.1465	.1452	.1464	.1444	.1452	.1426	.1411	.1369	145.
160.	.1805	.1802	.1841	.1851	.1805	.1808	.1799	.1780	.1788	.1786	.1764	.1803	.1758	160.
170.		.2334	.2299	.2335	.2323	.2316	.2310	.2294	.2288	.2265	.2237	.2247	.2221	170.
180.	.2837	.2858	.2856	.2911	.2819	.2780	.2815	.2789	.2766	.2782	.2778	.2777	.2722	180.
						FOR ALPHA = 3.50 DEG								
0.	.1834	.1858	.1836	.1876	.1844	.1810	.1810	.1817	.1797	.1813	.1817	.1789	.1758	0.
10.		.1731	.1695	.1684	.1721	.1714	.1682	.1695	.1676	.1672	.1635	.1654	.1613	10.
20.	.1526	.1530	.1528	.1536	.1532	.1518	.1515	.1518	.1535	.1523	.1473	.1511	.1481	20.
35.	.1409	.1454	.1421	.1425		.1455	.1439	.1430	.1449	.1435	.1407	.1405	.1346	35.
50.	.1418	.1414	.1410	.1398	.1397	.1413	.1394	.1392	.1386	.1387	.1376	.1387	.1365	50.
65.	.1416	.1400	.1420	.1410	.1395	.1405	.1427	.1384		.1396	.1382	.1403	.1401	65.
90.	.1321	.1352	.1336	.1318	.1304	.1318	.1327	.1295	.1283	.1290	.1298	.1294	.1288	90.
115.	.1271	.1288	.1279	.1271	.1251	.1280	.1285	.1237		.1221	.1228	.1240	.1240	115.
130.	.1343	.1368	.1325	.1316	.1307	.1328	.1344	.1345	.1349	.1318	.1303	.1284	.1259	130.
145.	.1473	.1535	.1489	.1484		.1505	.1490	.1482	.1502	.1494	.1492	.1457	.1389	145.
160.	.1894	.1883	.1926	.1937	.1921	.1901	.1892	.1868	.1873	.1881	.1858	.1890	.1863	160.
170.		.2497	.2468	.2466	.2499	.2468	.2488	.2458	.2418	.2449	.2405	.2404	.2365	170.
180.	.3001	.3094	.3079	.3108	.3066	.3024	.3005	.2987	.3010	.2972	.2985	.3005	.2960	180.
						FOR ALPHA = 5.50 DEG								
0.	.1558	.1562	.1561	.1584	.1554	.1538	.1552	.1541	.1505	.1523	.1515	.1542	.1482	0.
10.		.1489	.1473	.1458	.1466	.1460	.1465	.1457	.1432	.1466	.1427	.1438	.1396	10.
20.	.1380	.1382	.1378	.1393	.1389	.1358	.1370	.1365	.1369	.1370	.1339	.1361	.1321	20.
35.	.1311	.1345	.1331	.1331		.1344	.1357	.1340	.1329	.1314	.1303	.1287	.1249	35.
50.	.1356	.1349	.1332	.1336	.1327	.1346	.1327	.1336	.1335	.1315	.1306	.1315	.1294	50.
65.	.1362	.1359	.1362	.1359	.1340	.1345	.1378	.1339		.1337	.1346	.1354	.1331	65.
90.	.1279	.1314	.1292	.1297	.1277	.1287	.1291	.1271	.1249	.1269	.1273	.1276	.1264	90.
115.	.1272	.1281	.1268	.1265	.1240	.1273	.1283	.1238		.1241	.1225	.1257	.1197	115.
130.	.1363	.1388	.1357	.1350	.1339	.1372	.1371	.1371	.1353	.1348	.1304	.1309	.1276	130.
145.	.1546	.1610	.1562	.1566		.1609	.1579	.1591	.1542	.1548	.1543	.1529	.1478	145.
160.	.2101	.2092	.2112	.2115	.2076	.2115	.2069	.2058	.2066	.2073	.2059	.2081	.2041	160.
170.		.2825	.2773	.2808	.2834	.2809	.2796	.2790	.2749	.2768	.2745	.2743	.2690	170.
180.	.3420	.3574	.3545	.3585	.3578	.3500	.3498	.3460	.3451	.3488	.3469	.3454	.3412	180.
						FOR ALPHA = 10.50 DEG								
0.	.0973	.0973	.0950	.0973	.0950	.0950	.0947	.0952	.0957	.0939	.0950	.0946	.0923	0.
10.		.0976	.0962	.0968	.0960	.0969	.0965	.0961	.0954	.0976	.0955	.0951	.0914	10.
20.	.0998	.0984	.0997	.0999	.0996	.0977	.0983	.0979	.0979	.0982	.0954	.0967	.0961	20.
35.	.1023	.1057	.1045	.1040		.1040	.1041	.1049	.1022	.1012	.1013	.0992	.0955	35.
50.	.1125	.1132	.1121	.1109	.1109	.1098	.1100	.1098	.1094	.1077	.1084	.1083	.1059	50.
65.	.1174	.1171	.1174	.1179	.1156	.1169	.1199	.1150		.1140	.1142	.1177	.1140	65.
90.	.1146	.1188	.1157	.1150	.1143	.1159	.1162	.1140	.1124	.1128	.1143	.1138	.1125	90.
115.	.1210	.1221	.1205	.1187	.1202	.1222	.1215	.1187		.1185	.1174	.1174	.1156	115.
130.	.1403	.1415	.1372	.1384	.1368	.1376	.1395	.1397	.1376	.1367	.1362	.1347	.1328	130.
145.	.1763	.1823	.1755	.1790		.1821	.1804	.1769	.1748	.1745	.1773	.1726	.1679	145.
160.	.2652	.2598	.2662	.2689	.2661	.2636	.2659	.2626	.2638	.2604	.2642	.2635	.2584	160.
170.		.3754	.3722	.3726	.3757	.3728	.3770	.3736	.3697	.3740	.3641	.3659	.3657	170.
180.	.4851	.4819	.4817	.4897	.4842	.4766	.4836	.4728	.4723	.4733	.4767	.4739	.4728	180.
						FOR ALPHA = 15.50 DEG								
0.	.0588	.0574	.0587	.0595	.0570	.0562	.0574	.0582	.0563	.0573	.0566	.0556	.0549	0.
10.		.0564	.0573	.0578	.0569	.0562	.0578	.0578	.0570	.0572	.0577	.0572	.0542	10.
20.	.0612	.0585	.0602	.0613	.0603	.0588	.0609	.0609	.0605	.0598	.0591	.0604	.0578	20.
35.	.0666	.0685	.0666	.0684		.0664	.0685	.0687	.0679	.0660	.0656	.0654	.0619	35.
50.	.0782	.0793	.0784	.0778	.0777	.0759	.0774	.0777	.0763	.0755	.0744	.0756	.0738	50.
65.	.0900	.0884	.0886	.0893	.0881	.0892	.0918	.0893		.0867	.0872	.0876	.0858	65.
90.	.0953	.0971	.0964	.0975	.0935	.0945	.0962	.0942	.0917	.0921	.0930	.0915	.0913	90.
115.	.1105	.1129	.1123	.1115	.1103	.1123	.1158	.1082		.1088	.1071	.1063	.1108	115.
130.	.1414	.1448	.1434	.1434	.1422	.1440	.1447	.1402	.1411	.1411	.1391	.1358	.1385	130.
145.	.2003	.2072	.2052	.2036		.2095	.2072	.2015	.2044	.2023	.2037	.2011	.1982	145.
160.	.3314	.3273	.3347	.3289	.3295	.3307	.3292	.3231	.3282	.3261	.3291	.3338	.3279	160.
170.		.4838	.4788	.4748	.4828	.4804	.4836	.4797	.4768	.4775	.4743	.4805	.4709	170.
180.	.6319	.6285	.6240	.6386	.6249	.6217	.6243	.6205	.6182	.6159	.6215	.6154	.6213	180.
						FOR ALPHA = 20.50 DEG								
0.	.0350	.0327	.0314	.0325	.0320	.0317	.0330	.0339	.0334	.0320	.0318	.0312	.0291	0.
10.		.0264	.0253	.0254	.0255	.0264	.0266	.0262	.0267	.0245	.0236	.0232	.0228	10.
20.	.0192	.0196	.0200	.0209	.0216	.0217	.0213	.0206	.0211	.0184	.0167	.0193	.0201	20.
35.	.0223	.0233	.0232	.0244		.0270	.0265	.0257	.0242	.0219	.0214	.0220	.0211	35.
50.	.0353	.0364	.0372	.0379	.0404	.0393	.0376	.0361	.0355	.0338	.0353	.0351	.0357	50.
65.	.0545	.0549	.0557	.0573	.0581	.0563	.0581	.0554		.0556	.0548	.0560	.0545	65.
90.	.0729	.0757	.0746	.0764	.0741	.0740	.0748	.0733	.0724	.0700	.0700	.0695	.0707	90.
115.	.1099	.1115	.1077	.1098	.1085	.1092	.1108	.1071		.1058	.1039	.1050	.1051	115.
130.	.1564	.1567	.1536	.1574	.1544	.1527	.1534	.1540	.1566	.1539	.1509	.1496	.1471	130.
145.	.2342	.2436	.2383	.2385		.2440	.2414	.2409	.2380	.2377	.2358	.2345	.2321	145.
160.	.4044	.3964	.4027	.4005	.4031	.4032	.4014	.3997	.3989	.3973	.4000	.4044	.4008	160.
170.		.5992	.5876	.5917	.5935	.5927	.5949	.5936	.5908	.5935	.5890	.5931	.5921	170.
180.	.7839	.7898	.7776	.7951	.7817	.7753	.7804	.7815	.7733	.7739	.7771	.7792	.7717	180.

TABLE II. - CONTINUED

(F) MACH = 2.50, BETA = .99 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -4.50 DEG							
0.		.3470	.3314	.3401	.3329	.3374	.3360	.3377	.3354	.3360	.3352	.3334	.3316	.3333
10.				.2737	.2702	.2693	.2729	.2683	.2663	.2655	.2623	.2639	.2615	.2595
20.			.2035	.1979	.1967	.1957	.1988	.1968	.1975	.2001	.2000	.1969	.1966	.1973
35.	.1570	.1648	.1504	.1554	.1528	.1552	.1559	.1582	.1568	.1570	.1590	.1579	.1561	.1550
50.				.1429	.1398		.1390	.1432	.1441	.1398	.1402	.1389	.1371	.1392
65.		.1396	.1286	.1327	.1348	.1323	.1333	.1346	.1376	.1333	.1331	.1315	.1303	.1303
90.	.1270	.1217	.1109	.1153	.1195	.1168	.1195	.1200	.1204		.1159	.1155	.1134	.1158
115.		.1134	.0988	.1030	.1025	.1064	.1089	.1073	.1079	.1034	.1047	.1032	.1026	.1013
130.				.1024	.0998		.1085	.1064	.1065	.1047	.1045	.1038	.1029	.1012
145.	.1104	.1132	.1012	.1026	.1011	.1053	.1066	.1074	.1078	.1074	.1060	.1059	.1052	.1036
160.			.1081	.1109	.1134	.1122	.1141	.1141	.1151	.1140	.1147	.1112	.1126	.1125
170.				.1290	.1304	.1310	.1313	.1307	.1315	.1316	.1289	.1300	.1287	.1263
180.		.1610	.1508	.1563	.1524	.1564	.1549	.1569	.1579	.1606	.1567	.1558	.1541	.1549
190.				.1479	.1497	.1510	.1549	.1525	.1518	.1521	.1522	.1509	.1506	.1487
200.			.1339	.1388	.1397	.1409	.1391	.1381	.1406	.1396	.1484	.1372	.1396	.1385
215.	.1365	.1413	.1276	.1307	.1292	.1361	.1340	.1332	.1325	.1353	.1356	.1345	.1311	.1302
230.				.1295	.1304		.1355	.1351	.1348	.1328	.1310	.1302	.1308	.1298
245.		.1385	.1259	.1311	.1306	.1361	.1367	.1357	.1370	.1341	.1331	.1312	.1299	.1322
270.	.1578	.1502	.1408	.1476	.1474	.1482	.1486	.1493	.1516		.1464	.1461	.1444	.1462
295.		.1705	.1596	.1673	.1663	.1663	.1672	.1661	.1664	.1642	.1641	.1618	.1642	.1653
310.				.1780	.1772		.1736	.1753	.1773	.1748	.1713	.1712	.1768	.1738
325.	.1942	.1994	.1878	.1959	.1895	.1946	.1930	.1931	.1955	.1955	.1928	.1941	.1940	.1903
340.			.2331	.2395	.2380	.2386	.2378	.2363	.2416	.2383	.2379	.2327	.2378	.2369
350.				.3040	.3013	.3011	.3026	.2990	.2995	.2975	.2942	.2958	.2957	.2959
							FOR ALPHA = -2.50 DEG							
0.		.3013	.2876	.2945	.2883	.2920	.2896	.2920	.2948	.2978	.2936	.2868	.2898	.2907
10.				.2416	.2377	.2385	.2399	.2369	.2348	.2351	.2321	.2301	.2326	.2311
20.			.1827	.1805	.1809	.1813	.1812	.1812	.1813	.1785	.1803	.1788	.1808	.1826
35.	.1518	.1563	.1464	.1527	.1464	.1503	.1477	.1519	.1505	.1486	.1500	.1508	.1489	.1476
50.				.1410	.1387		.1363	.1387	.1420	.1378	.1371	.1383	.1359	.1345
65.		.1385	.1288	.1342	.1331	.1319	.1338	.1348	.1373	.1332	.1330	.1329	.1314	.1293
90.	.1305	.1249	.1153	.1170	.1181	.1201	.1235	.1222	.1230		.1189	.1178	.1152	.1176
115.		.1169	.1033	.1048	.1057	.1116	.1140	.1107	.1118	.1085	.1079	.1052	.1048	.1059
130.				.1052	.1113		.1127	.1117	.1112	.1100	.1138	.1092	.1074	.1060
145.	.1155	.1170	.1090	.1113	.1087	.1138	.1138	.1136	.1138	.1146	.1151	.1146	.1128	.1108
160.			.1213	.1264	.1242	.1275	.1267	.1271	.1264	.1246	.1249	.1235	.1259	.1255
170.				.1513	.1531	.1547	.1539	.1532	.1514	.1513	.1503	.1525	.1509	.1496
180.		.1929	.1828	.1883	.1853	.1889	.1867	.1873	.1888	.1893	.1863	.1874	.1879	.1871
190.				.1766	.1769	.1759	.1788	.1749	.1771	.1780	.1749	.1755	.1795	.1743
200.			.1494	.1569	.1559	.1566	.1548	.1546	.1565	.1570	.1550	.1524	.1574	.1568
215.	.1423	.1459	.1360	.1473	.1408	.1426	.1443	.1445	.1431	.1426	.1421	.1414	.1421	.1425
230.				.1411	.1401		.1413	.1426	.1410	.1383	.1369	.1368	.1358	.1370
245.		.1446	.1288	.1359	.1407	.1399	.1410	.1413	.1424	.1368	.1387	.1360	.1340	.1333
270.	.1598	.1555	.1442	.1486	.1533	.1514	.1511	.1536	.1534		.1476	.1486	.1460	.1481
295.		.1707	.1599	.1688	.1682	.1650	.1665	.1665	.1662	.1621	.1637	.1603	.1636	.1625
310.				.1773	.1756		.1704	.1726	.1738	.1716	.1693	.1692	.1698	.1672
325.	.1851	.1911	.1822	.1910	.1825	.1861	.1834	.1825	.1871	.1871	.1846	.1849	.1851	.1811
340.			.2167	.2213	.2200	.2206	.2186	.2170	.2192	.2162	.2184	.2124	.2193	.2211
350.				.2664	.2670	.2663	.2672	.2650	.2659	.2637	.2592	.2601	.2632	.2645
							FOR ALPHA = -1.50 DEG							
0.		.2813	.2686	.2753	.2706	.2705	.2695	.2728	.2722	.2722	.2754	.2714	.2693	.2717
10.				.2233	.2238	.2228	.2239	.2215	.2238	.2199	.2162	.2177	.2177	.2189
20.			.1744	.1729	.1746	.1746	.1750	.1723	.1762	.1741	.1727	.1691	.1722	.1732
35.	.1495	.1536	.1424	.1476	.1436	.1480	.1452	.1467	.1458	.1481	.1455	.1443	.1455	.1447
50.				.1358	.1401		.1367	.1371	.1407	.1382	.1354	.1331	.1409	.1346
65.		.1398	.1286	.1309	.1361	.1322	.1340	.1336	.1368	.1343	.1307	.1287	.1316	.1297
90.	.1325	.1269	.1148	.1192	.1194	.1221	.1225	.1215	.1246		.1184	.1176	.1160	.1173
115.		.1174	.1050	.1070	.1101	.1124	.1117	.1127	.1135	.1081	.1092	.1068	.1075	.1057
130.				.1083	.1145		.1118	.1137	.1144	.1106	.1129	.1091	.1107	.1077
145.	.1193	.1226	.1124	.1167	.1128	.1156	.1157	.1169	.1184	.1165	.1172	.1142	.1170	.1137
160.			.1266	.1325	.1312	.1324	.1329	.1314	.1340	.1304	.1320	.1288	.1334	.1334
170.				.1632	.1645	.1665	.1679	.1624	.1644	.1623	.1614	.1623	.1617	.1628
180.		.2096	.2005	.2060	.2005	.2070	.2026	.2064	.2057	.2079	.2083	.2048	.2040	.2040
190.				.1893	.1871	.1908	.1923	.1905	.1892	.1910	.1877	.1883	.1887	.1877
200.			.1569	.1659	.1590	.1664	.1650	.1648	.1649	.1646	.1630	.1620	.1623	.1643
215.	.1466	.1500	.1412	.1510	.1430	.1478	.1469	.1467	.1471	.1486	.1467	.1481	.1462	.1452
230.				.1405	.1422		.1430	.1442	.1402	.1426	.1399	.1407	.1389	.1386
245.		.1463	.1342	.1367	.1408	.1414	.1421	.1410	.1420	.1395	.1385	.1359	.1356	.1358
270.	.1607	.1571	.1455	.1482	.1522	.1527	.1533	.1523	.1533		.1489	.1476	.1435	.1490
295.		.1713	.1620	.1638	.1661	.1639	.1688	.1651	.1659	.1628	.1646	.1596	.1610	.1605
310.				.1722	.1718		.1707	.1699	.1706	.1684	.1685	.1674	.1667	.1665
325.	.1817	.1863	.1814	.1857	.1782	.1826	.1812	.1792	.1809	.1812	.1803	.1794	.1798	.1797
340.			.2084	.2120	.2099	.2094	.2117	.2095	.2099	.2077	.2072	.2068	.2093	.2094
350.				.2545	.2510	.2494	.2524	.2495	.2496	.2498	.2478	.2490	.2484	.2465

TABLE II. - CONTINUED

(F) MACH = 2.50, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.50 DEG								
0.	.3344	.3395	.3397	.3416	.3350	.3329	.3367	.3344	.3326	.3371	.3367	.3354	.3307	0.
10.		.2654	.2667	.2620	.2602	.2631	.2659	.2633	.2651	.2678	.2629	.2647	.2580	10.
20.	.2007	.1991	.2022	.2018	.2006	.1995	.2050	.2011	.1994	.2041	.2016	.2047	.2004	20.
35.	.1542	.1604	.1562	.1561		.1567	.1599	.1575	.1545	.1574	.1565	.1533	.1520	35.
50.	.1415	.1418	.1390	.1404	.1381	.1378	.1388	.1404	.1393	.1377	.1388	.1366	.1341	50.
65.	.1346	.1333	.1324	.1343	.1308	.1330	.1335	.1295		.1275	.1286	.1306	.1280	65.
90.	.1162	.1169	.1146	.1157	.1147	.1144	.1148	.1134	.1104	.1100	.1123	.1131	.1123	90.
115.	.1026	.1019	.1021	.1017	.0987	.1004	.1018	.0979		.0995	.0996	.1011	.0991	115.
130.	.1027	.1021	.1004	.1006	.0991	.0982	.0997	.0996	.0994	.0994	.0986	.0978	.0955	130.
145.	.0999	.1049	.1008	.1007		.1020	.1018	.1021	.1016	.1011	.0992	.0988	.0931	145.
160.	.1103	.1076	.1100	.1100	.1084	.1082	.1106	.1091	.1093	.1070	.1041	.1079	.1049	160.
170.		.1255	.1234	.1239	.1251	.1256	.1263	.1261	.1233	.1224	.1195	.1215	.1180	170.
180.	.1541	.1539	.1527	.1565	.1536	.1491	.1508	.1514	.1501	.1511	.1491	.1472	.1446	180.
190.		.1494	.1478	.1476	.1472	.1461	.1449	.1461	.1454	.1470	.1407	.1418	.1393	190.
200.	.1378	.1356	.1370	.1385	.1368	.1331	.1338	.1329	.1373	.1363	.1319	.1316	.1295	200.
215.	.1305	.1328	.1281	.1289		.1286	.1293	.1289	.1283	.1274	.1251	.1239	.1190	215.
230.	.1334	.1305	.1287	.1273	.1267	.1269	.1277	.1270	.1265	.1257	.1255	.1245	.1246	230.
245.	.1352	.1328	.1293	.1288	.1291	.1292	.1308	.1270		.1251	.1275	.1308	.1287	245.
270.	.1449	.1457	.1454	.1447	.1439	.1429	.1453	.1425	.1420	.1414	.1422	.1414	.1420	270.
295.	.1658	.1637	.1653	.1628	.1628	.1646	.1660	.1640		.1599	.1603	.1635	.1625	295.
310.	.1761	.1748	.1740	.1733	.1733	.1741	.1742	.1729	.1733	.1722	.1707	.1730	.1705	310.
325.	.1928	.1974	.1940	.1974		.1955	.1946	.1932	.1939	.1945	.1922	.1942	.1877	325.
340.	.2406	.2387	.2423	.2433	.2416	.2402	.2422	.2402	.2412	.2402	.2371	.2430	.2384	340.
350.		.2990	.2971	.2971	.2986	.2967	.2976	.3006	.2966	.2990	.2938	.2985	.2917	350.
						FOR ALPHA = -2.50 DEG								
0.	.2937	.2927	.2931	.2950	.2946	.2896	.2920	.2928	.2933	.2924	.2897	.2911	.2877	0.
10.		.2323	.2311	.2323	.2347	.2335	.2351	.2340	.2333	.2358	.2316	.2345	.2315	10.
20.	.1839	.1808	.1862	.1859	.1851	.1812	.1876	.1831	.1844	.1860	.1831	.1850	.1823	20.
35.	.1499	.1543	.1500	.1491		.1509	.1507	.1504	.1489	.1499	.1501	.1481	.1420	35.
50.	.1384	.1393	.1363	.1362	.1357	.1373	.1393	.1385	.1367	.1350	.1370	.1361	.1321	50.
65.	.1336	.1328	.1316	.1307	.1317	.1342	.1350	.1300		.1290	.1288	.1317	.1284	65.
90.	.1170	.1205	.1171	.1159	.1155	.1176	.1175	.1151	.1140	.1154	.1155	.1147	.1141	90.
115.	.1059	.1081	.1067	.1060	.1044	.1071	.1061	.1032		.1019	.1026	.1055	.1056	115.
130.	.1065	.1082	.1062	.1067	.1062	.1067	.1048	.1040	.1045	.1043	.1043	.1041	.1029	130.
145.	.1086	.1146	.1085	.1102		.1096	.1084	.1079	.1100	.1090	.1099	.1070	.1012	145.
160.	.1248	.1236	.1240	.1232	.1236	.1209	.1213	.1204	.1248	.1213	.1209	.1225	.1184	160.
170.		.1497	.1454	.1452	.1469	.1463	.1476	.1462	.1459	.1451	.1412	.1429	.1389	170.
180.	.1890	.1880	.1858	.1907	.1864	.1815	.1822	.1829	.1820	.1823	.1818	.1832	.1767	180.
190.		.1760	.1735	.1723	.1722	.1710	.1705	.1706	.1709	.1706	.1676	.1707	.1649	190.
200.	.1555	.1534	.1560	.1563	.1520	.1515	.1532	.1497	.1497	.1516	.1488	.1522	.1491	200.
215.	.1405	.1437	.1418	.1399		.1394	.1405	.1383	.1371	.1371	.1367	.1348	.1317	215.
230.	.1380	.1372	.1372	.1372	.1345	.1350	.1363	.1357	.1318	.1327	.1327	.1311	.1301	230.
245.	.1365	.1352	.1360	.1368	.1337	.1343	.1385	.1331		.1301	.1319	.1332	.1320	245.
270.	.1475	.1492	.1472	.1470	.1459	.1453	.1489	.1467	.1434	.1441	.1459	.1455	.1430	270.
295.	.1655	.1649	.1658	.1636	.1625	.1637	.1668	.1623		.1595	.1623	.1648	.1625	295.
310.	.1727	.1714	.1724	.1733	.1706	.1707	.1706	.1694	.1685	.1697	.1674	.1701	.1673	310.
325.	.1822	.1880	.1872	.1879		.1866	.1867	.1856	.1870	.1852	.1833	.1828	.1768	325.
340.	.2225	.2204	.2212	.2216	.2202	.2194	.2186	.2211	.2227	.2205	.2179	.2238	.2177	340.
350.		.2667	.2624	.2627	.2678	.2652	.2636	.2641	.2620	.2660	.2588	.2674	.2629	350.
						FOR ALPHA = -1.50 DEG								
0.	.2692	.2735	.2755	.2791	.2721	.2685	.2732	.2735	.2700	.2729	.2729	.2713	.2660	0.
10.		.2221	.2160	.2228	.2198	.2193	.2205	.2246	.2207	.2229	.2166	.2208	.2133	10.
20.	.1765	.1759	.1778	.1804	.1766	.1743	.1763	.1760	.1772	.1772	.1752	.1807	.1743	20.
35.	.1474	.1503	.1454	.1491		.1488	.1467	.1493	.1467	.1485	.1463	.1471	.1422	35.
50.	.1394	.1380	.1356	.1373	.1353	.1370	.1370	.1381	.1365	.1347	.1349	.1337	.1333	50.
65.	.1344	.1320	.1331	.1334	.1324	.1324	.1328	.1323		.1295	.1290	.1327	.1302	65.
90.	.1184	.1193	.1190	.1183	.1179	.1172	.1191	.1180	.1157	.1146	.1165	.1161	.1148	90.
115.	.1095	.1064	.1088	.1069	.1072	.1079	.1086	.1061		.1021	.1038	.1076	.1049	115.
130.	.1103	.1091	.1088	.1099	.1098	.1073	.1091	.1075	.1048	.1049	.1060	.1078	.1045	130.
145.	.1133	.1174	.1127	.1152		.1127	.1127	.1123	.1100	.1119	.1122	.1123	.1044	145.
160.	.1342	.1288	.1325	.1308	.1283	.1272	.1292	.1283	.1287	.1317	.1255	.1310	.1251	160.
170.		.1599	.1584	.1565	.1576	.1581	.1582	.1586	.1566	.1587	.1540	.1569	.1514	170.
180.	.2064	.2070	.2031	.2052	.2044	.1994	.1998	.1991	.1987	.1998	.1992	.1986	.1944	180.
190.		.1907	.1879	.1826	.1882	.1875	.1861	.1843	.1833	.1820	.1821	.1820	.1781	190.
200.	.1655	.1624	.1629	.1636	.1623	.1593	.1593	.1578	.1602	.1589	.1591	.1608	.1577	200.
215.	.1444	.1496	.1449	.1445		.1438	.1446	.1395	.1434	.1420	.1416	.1397	.1363	215.
230.	.1401	.1413	.1383	.1389	.1374	.1377	.1381	.1376	.1366	.1341	.1328	.1336	.1336	230.
245.	.1374	.1385	.1380	.1377	.1356	.1375	.1395	.1352		.1316	.1325	.1310	.1344	245.
270.	.1488	.1501	.1474	.1478	.1460	.1478	.1485	.1464	.1439	.1460	.1456	.1454	.1450	270.
295.	.1639	.1630	.1646	.1654	.1626	.1645	.1645	.1601		.1611	.1599	.1622	.1602	295.
310.	.1685	.1711	.1695	.1694	.1681	.1707	.1685	.1680	.1681	.1692	.1648	.1661	.1637	310.
325.	.1799	.1861	.1812	.1809		.1833	.1826	.1818	.1799	.1828	.1795	.1776	.1730	325.
340.	.2133	.2123	.2132	.2133	.2129	.2110	.2126	.2114	.2115	.2122	.2078	.2125	.2095	340.
350.		.2506	.2500	.2493	.2494	.2515	.2518	.2501	.2464	.2478	.2467	.2486	.2431	350.

TABLE II. - CONTINUED

(F) MACH = 2.50, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -.50 DEG								
0.		.2605	.2493	.2533	.2493	.2509	.2496	.2514	.2504	.2537	.2543	.2508	.2511	.2513
10.				.2097	.2089	.2086	.2104	.2081	.2071	.2057	.2051	.2053	.2038	.2050
20.			.1627	.1676	.1652	.1659	.1657	.1664	.1676	.1653	.1658	.1657	.1663	.1676
35.	.1473	.1501	.1401	.1449	.1393	.1451	.1419	.1440	.1433	.1444	.1444	.1454	.1433	.1445
50.				.1326	.1393		.1347	.1379	.1375	.1350	.1342	.1362	.1354	.1353
65.		.1386	.1285	.1261	.1355	.1329	.1348	.1348	.1358	.1333	.1321	.1313	.1306	.1308
90.	.1325	.1280	.1153	.1168	.1194	.1230	.1232	.1216	.1248		.1192	.1190	.1172	.1188
115.		.1163	.1065	.1048	.1123	.1114	.1124	.1107	.1151	.1098	.1106	.1070	.1074	.1072
130.				.1089	.1165		.1129	.1128	.1159	.1126	.1135	.1116	.1094	.1104
145.	.1213	.1224	.1159	.1192	.1169	.1193	.1190	.1183	.1199	.1196	.1173	.1181	.1167	.1175
160.			.1346	.1373	.1390	.1387	.1383	.1384	.1383	.1384	.1373	.1357	.1376	.1381
170.				.1765	.1768	.1763	.1764	.1770	.1753	.1766	.1722	.1740	.1728	.1736
180.		.2299	.2184	.2236	.2196	.2226	.2229	.2255	.2240	.2247	.2222	.2213	.2232	.2228
190.				.2048	.2025	.2036	.2077	.2055	.2019	.2049	.2028	.2028	.2003	.2023
200.			.1633	.1712	.1722	.1733	.1728	.1717	.1728	.1722	.1767	.1693	.1699	.1712
215.	.1513	.1556	.1458	.1531	.1481	.1530	.1510	.1519	.1526	.1536	.1530	.1515	.1485	.1486
230.				.1414	.1461		.1442	.1455	.1471	.1444	.1442	.1420	.1404	.1403
245.		.1479	.1356	.1386	.1412	.1428	.1431	.1426	.1441	.1412	.1405	.1379	.1370	.1370
270.	.1626	.1582	.1451	.1482	.1502	.1544	.1533	.1527	.1538		.1480	.1475	.1455	.1496
295.		.1693	.1600	.1652	.1631	.1652	.1667	.1657	.1656	.1615	.1614	.1599	.1599	.1640
310.				.1694	.1681		.1692	.1690	.1696	.1664	.1635	.1642	.1652	.1691
325.	.1786	.1817	.1729	.1814	.1742	.1771	.1755	.1772	.1778	.1769	.1744	.1753	.1753	.1729
340.			.1969	.2027	.2010	.2019	.2003	.1996	.2019	.2005	.1996	.1970	.1988	.1999
350.				.2375	.2356	.2348	.2360	.2339	.2344	.2335	.2317	.2328	.2313	.2317
						FOR ALPHA = .50 DEG								
0.		.2433	.2315	.2372	.2312	.2336	.2338	.2353	.2328	.2353	.2382	.2339	.2360	.2342
10.				.1978	.1956	.1948	.1963	.1959	.1928	.1952	.1920	.1932	.1943	.1932
20.			.1549	.1604	.1586	.1596	.1587	.1590	.1591	.1603	.1591	.1575	.1581	.1597
35.	.1429	.1451	.1374	.1409	.1362	.1398	.1381	.1406	.1410	.1420	.1392	.1417	.1400	.1393
50.				.1302	.1374		.1325	.1358	.1357	.1351	.1320	.1337	.1332	.1348
65.		.1386	.1269	.1257	.1318	.1301	.1328	.1332	.1352	.1311	.1312	.1303	.1304	.1310
90.	.1315	.1282	.1151	.1170	.1180	.1214	.1235	.1226	.1232		.1189	.1180	.1168	.1197
115.		.1183	.1069	.1056	.1128	.1104	.1133	.1131	.1137	.1098	.1099	.1054	.1073	.1127
130.				.1131	.1145		.1138	.1148	.1164	.1136	.1134	.1109	.1119	.1163
145.	.1227	.1279	.1194	.1242	.1177	.1222	.1214	.1201	.1214	.1234	.1229	.1220	.1198	.1199
160.			.1434	.1454	.1442	.1455	.1462	.1429	.1465	.1474	.1457	.1420	.1426	.1437
170.				.1911	.1900	.1919	.1905	.1916	.1886	.1894	.1850	.1862	.1864	.1834
180.		.2495	.2371	.2435	.2391	.2440	.2407	.2413	.2416	.2475	.2430	.2370	.2373	.2398
190.				.2158	.2179	.2198	.2214	.2179	.2213	.2195	.2171	.2181	.2157	.2165
200.			.1746	.1790	.1794	.1798	.1821	.1804	.1840	.1819	.1812	.1777	.1800	.1814
215.	.1547	.1623	.1526	.1583	.1523	.1568	.1545	.1547	.1577	.1583	.1583	.1568	.1573	.1527
230.				.1448	.1482		.1475	.1477	.1484	.1457	.1455	.1447	.1453	.1427
245.		.1495	.1375	.1423	.1426	.1420	.1459	.1450	.1454	.1416	.1409	.1383	.1429	.1413
270.	.1625	.1582	.1462	.1494	.1514	.1539	.1542	.1517	.1540		.1487	.1466	.1471	.1497
295.		.1682	.1587	.1622	.1630	.1642	.1643	.1621	.1630	.1607	.1606	.1573	.1579	.1593
310.				.1648	.1666		.1660	.1655	.1657	.1640	.1610	.1635	.1632	.1625
325.	.1748	.1790	.1679	.1743	.1690	.1734	.1714	.1710	.1717	.1720	.1721	.1727	.1717	.1721
340.			.1886	.1940	.1924	.1939	.1911	.1926	.1929	.1911	.1934	.1922	.1914	.1912
350.				.2219	.2205	.2187	.2244	.2209	.2196	.2209	.2188	.2216	.2202	.2185
						FOR ALPHA = 1.50 DEG								
0.		.2225	.2127	.2193	.2126	.2174	.2136	.2164	.2170	.2196	.2152	.2163	.2180	.2128
10.				.1845	.1827	.1823	.1849	.1840	.1810	.1813	.1791	.1797	.1788	.1779
20.			.1487	.1525	.1519	.1532	.1531	.1512	.1513	.1516	.1510	.1514	.1505	.1526
35.	.1387	.1434	.1333	.1362	.1331	.1366	.1348	.1356	.1379	.1378	.1395	.1382	.1348	.1342
50.				.1277	.1326		.1324	.1312	.1347	.1324	.1376	.1306	.1301	.1304
65.		.1401	.1280	.1256	.1293	.1293	.1326	.1307	.1334	.1303	.1302	.1281	.1298	.1289
90.	.1315	.1274	.1152	.1165	.1185	.1203	.1223	.1201	.1231		.1191	.1175	.1174	.1197
115.		.1174	.1066	.1077	.1135	.1120	.1126	.1113	.1144	.1104	.1112	.1079	.1100	.1102
130.				.1147	.1179		.1155	.1151	.1174	.1154	.1148	.1149	.1136	.1139
145.	.1268	.1305	.1205	.1259	.1213	.1259	.1244	.1229	.1250	.1259	.1258	.1258	.1248	.1233
160.			.1529	.1518	.1516	.1534	.1538	.1517	.1525	.1524	.1532	.1497	.1493	.1510
170.				.2053	.2059	.2058	.2063	.2057	.2026	.2038	.1998	.1982	.1992	.1978
180.		.2681	.2561	.2630	.2574	.2625	.2592	.2632	.2636	.2657	.2624	.2601	.2605	.2568
190.				.2335	.2318	.2332	.2353	.2331	.2345	.2347	.2308	.2320	.2303	.2278
200.			.1833	.1888	.1898	.1901	.1880	.1885	.1905	.1914	.1896	.1855	.1907	.1899
215.	.1598	.1644	.1550	.1619	.1573	.1613	.1589	.1587	.1607	.1622	.1604	.1604	.1606	.1576
230.				.1490	.1506		.1498	.1495	.1526	.1490	.1459	.1468	.1466	.1518
245.		.1481	.1365	.1403	.1441	.1435	.1441	.1446	.1472	.1421	.1418	.1390	.1399	.1469
270.	.1627	.1563	.1456	.1473	.1508	.1537	.1519	.1528	.1527		.1483	.1470	.1475	.1485
295.		.1669	.1561	.1588	.1607	.1624	.1637	.1618	.1606	.1587	.1579	.1561	.1578	.1551
310.				.1647	.1620		.1639	.1633	.1637	.1605	.1635	.1594	.1595	.1588
325.	.1697	.1726	.1628	.1720	.1628	.1686	.1670	.1666	.1681	.1659	.1654	.1678	.1651	.1643
340.			.1794	.1854	.1832	.1845	.1821	.1823	.1835	.1832	.1832	.1824	.1825	.1820
350.				.2059	.2061	.2060	.2076	.2070	.2058	.2059	.2060	.2086	.2103	.2059

TABLE II. - CONTINUED

(F) MACH = 2.50, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.50 DEG								
0.	.2496	.2552	.2534	.2575	.2532	.2494	.2518	.2528	.2500	.2525	.2507	.2482	.2459	0.
10.		.2057	.2050	.2048	.2061	.2049	.2073	.2096	.2056	.2063	.2039	.2044	.1994	10.
20.	.1690	.1665	.1705	.1707	.1712	.1671	.1696	.1675	.1694	.1702	.1677	.1697	.1661	20.
35.	.1427	.1467	.1424	.1464		.1432	.1451	.1432	.1424	.1435	.1445	.1425	.1372	35.
50.	.1366	.1372	.1340	.1360	.1349	.1351	.1363	.1357	.1359	.1334	.1339	.1323	.1312	50.
65.	.1335	.1334	.1313	.1335	.1311	.1323	.1331	.1323		.1279	.1303	.1305	.1281	65.
90.	.1176	.1211	.1180	.1195	.1175	.1184	.1187	.1183	.1163	.1157	.1161	.1171	.1155	90.
115.	.1074	.1078	.1072	.1086	.1069	.1088	.1093	.1074		.1036	.1031	.1088	.1059	115.
130.	.1112	.1115	.1093	.1106	.1109	.1102	.1090	.1109	.1078	.1071	.1054	.1085	.1069	130.
145.	.1150	.1202	.1156	.1184		.1170	.1144	.1164	.1136	.1133	.1154	.1137	.1097	145.
160.	.1398	.1368	.1379	.1406	.1365	.1352	.1340	.1344	.1348	.1338	.1336	.1353	.1336	160.
170.		.1743	.1694	.1705	.1700	.1691	.1704	.1695	.1686	.1684	.1672	.1691	.1627	170.
180.	.2225	.2265	.2231	.2264	.2208	.2171	.2207	.2184	.2182	.2183	.2188	.2162	.2140	180.
190.		.2026	.1990	.2022	.2006	.2004	.1992	.1990	.1961	.2002	.1949	.1955	.1930	190.
200.	.1732	.1698	.1739	.1736	.1720	.1693	.1696	.1678	.1691	.1694	.1665	.1681	.1669	200.
215.	.1495	.1543	.1496	.1509		.1485	.1486	.1488	.1467	.1472	.1453	.1440	.1407	215.
230.	.1439	.1428	.1406	.1418	.1410	.1401	.1419	.1419	.1405	.1385	.1370	.1367	.1363	230.
245.	.1405	.1384	.1375	.1389	.1381	.1393	.1413	.1381		.1339	.1341	.1367	.1345	245.
270.	.1486	.1508	.1490	.1489	.1473	.1484	.1490	.1464	.1459	.1456	.1473	.1473	.1459	270.
295.	.1626	.1642	.1644	.1629	.1614	.1625	.1635	.1586		.1599	.1603	.1629	.1602	295.
310.	.1677	.1696	.1670	.1662	.1670	.1672	.1679	.1674	.1657	.1647	.1649	.1647	.1621	310.
325.	.1747	.1807	.1758	.1757		.1782	.1783	.1782	.1762	.1763	.1748	.1746	.1702	325.
340.	.2034	.2007	.2040	.2048	.2021	.2005	.2038	.2020	.2023	.2012	.1996	.2035	.1985	340.
350.		.2364	.2326	.2341	.2332	.2350	.2357	.2351	.2335	.2347	.2301	.2316	.2283	350.
						FOR ALPHA = .50 DEG								
0.	.2326	.2370	.2360	.2389	.2310	.2337	.2352	.2330	.2321	.2341	.2332	.2335	.2267	0.
10.		.1937	.1917	.1920	.1913	.1938	.1965	.1950	.1939	.1940	.1907	.1896	.1866	10.
20.	.1607	.1581	.1621	.1628	.1600	.1596	.1636	.1615	.1616	.1607	.1611	.1609	.1585	20.
35.	.1366	.1434	.1408	.1434		.1392	.1410	.1397	.1408	.1403	.1405	.1382	.1350	35.
50.	.1338	.1341	.1322	.1335	.1318	.1319	.1335	.1344	.1328	.1319	.1324	.1317	.1307	50.
65.	.1308	.1317	.1307	.1311	.1280	.1311	.1328	.1316		.1264	.1291	.1301	.1301	65.
90.	.1185	.1196	.1184	.1199	.1170	.1176	.1186	.1171	.1148	.1157	.1169	.1168	.1154	90.
115.	.1107	.1091	.1085	.1101	.1087	.1109	.1122	.1058		.1050	.1054	.1081	.1059	115.
130.	.1137	.1131	.1107	.1113	.1119	.1133	.1135	.1110	.1097	.1086	.1064	.1088	.1088	130.
145.	.1192	.1247	.1208	.1183		.1210	.1202	.1190	.1170	.1184	.1159	.1181	.1148	145.
160.	.1470	.1448	.1478	.1456	.1440	.1425	.1422	.1410	.1437	.1436	.1423	.1442	.1414	160.
170.		.1857	.1839	.1837	.1837	.1830	.1818	.1838	.1852	.1837	.1786	.1803	.1774	170.
180.	.2366	.2436	.2425	.2448	.2436	.2343	.2389	.2383	.2363	.2364	.2360	.2375	.2340	180.
190.		.2209	.2148	.2151	.2136	.2158	.2141	.2150	.2131	.2121	.2074	.2136	.2097	190.
200.	.1807	.1812	.1833	.1839	.1818	.1780	.1784	.1777	.1787	.1800	.1758	.1835	.1770	200.
215.	.1527	.1593	.1535	.1559		.1548	.1540	.1528	.1517	.1534	.1506	.1508	.1453	215.
230.	.1460	.1462	.1448	.1451	.1427	.1446	.1455	.1451	.1437	.1416	.1401	.1404	.1376	230.
245.	.1443	.1419	.1422	.1406	.1389	.1420	.1421	.1393		.1366	.1364	.1375	.1363	245.
270.	.1486	.1520	.1505	.1491	.1480	.1492	.1491	.1477	.1460	.1458	.1462	.1462	.1464	270.
295.	.1630	.1638	.1634	.1638	.1602	.1627	.1615	.1590		.1570	.1562	.1588	.1593	295.
310.	.1668	.1679	.1636	.1647	.1650	.1638	.1638	.1640	.1638	.1623	.1597	.1597	.1602	310.
325.	.1705	.1771	.1708	.1725		.1727	.1721	.1716	.1724	.1713	.1721	.1696	.1642	325.
340.	.1942	.1917	.1944	.1957	.1940	.1932	.1933	.1906	.1925	.1949	.1915	.1939	.1908	340.
350.		.2229	.2216	.2217	.2205	.2213	.2231	.2214	.2176	.2216	.2186	.2172	.2112	350.
						FOR ALPHA = 1.50 DEG								
0.	.2169	.2181	.2184	.2191	.2175	.2142	.2177	.2166	.2135	.2142	.2150	.2149	.2093	0.
10.		.1823	.1790	.1793	.1805	.1830	.1836	.1809	.1792	.1792	.1777	.1764	.1740	10.
20.	.1519	.1522	.1539	.1537	.1537	.1522	.1561	.1539	.1546	.1548	.1532	.1521	.1481	20.
35.	.1340	.1391	.1342	.1366		.1375	.1363	.1377	.1369	.1376	.1351	.1332	.1295	35.
50.	.1317	.1341	.1294	.1317	.1292	.1310	.1306	.1314	.1311	.1304	.1290	.1299	.1277	50.
65.	.1316	.1306	.1282	.1291	.1280	.1296	.1290	.1280		.1270	.1260	.1306	.1281	65.
90.	.1192	.1198	.1175	.1186	.1175	.1185	.1172	.1170	.1151	.1161	.1156	.1165	.1151	90.
115.	.1119	.1097	.1101	.1103	.1100	.1108	.1101	.1088		.1070	.1053	.1083	.1066	115.
130.	.1154	.1148	.1115	.1132	.1137	.1150	.1133	.1140	.1116	.1104	.1085	.1104	.1106	130.
145.	.1235	.1271	.1219	.1243		.1264	.1235	.1223	.1212	.1219	.1209	.1203	.1180	145.
160.	.1549	.1519	.1530	.1543	.1518	.1507	.1506	.1501	.1520	.1511	.1498	.1538	.1508	160.
170.		.2011	.1977	.1983	.1975	.1979	.1966	.1968	.1961	.1958	.1936	.1950	.1912	170.
180.	.2615	.2640	.2653	.2664	.2618	.2574	.2603	.2582	.2578	.2562	.2573	.2580	.2535	180.
190.		.2350	.2321	.2328	.2318	.2273	.2281	.2285	.2282	.2269	.2210	.2275	.2233	190.
200.	.1916	.1882	.1916	.1936	.1906	.1885	.1887	.1866	.1877	.1865	.1830	.1892	.1863	200.
215.	.1583	.1603	.1581	.1596		.1612	.1593	.1605	.1573	.1562	.1547	.1535	.1495	215.
230.	.1483	.1462	.1468	.1460	.1461	.1450	.1467	.1488	.1465	.1441	.1415	.1419	.1404	230.
245.	.1426	.1418	.1424	.1420	.1414	.1403	.1440	.1401		.1391	.1376	.1414	.1373	245.
270.	.1475	.1511	.1493	.1483	.1474	.1475	.1485	.1459	.1459	.1454	.1464	.1467	.1457	270.
295.	.1606	.1617	.1589	.1590	.1593	.1606	.1625	.1565		.1558	.1553	.1596	.1570	295.
310.	.1628	.1643	.1598	.1598	.1610	.1626	.1621	.1597	.1610	.1589	.1567	.1591	.1548	310.
325.	.1661	.1716	.1685	.1672		.1681	.1675	.1679	.1666	.1665	.1653	.1650	.1596	325.
340.	.1843	.1834	.1855	.1826	.1860	.1840	.1829	.1828	.1829	.1821	.1817	.1826	.1801	340.
350.		.2086	.2059	.2035	.2064	.2076	.2065	.2070	.2075	.2052	.2032	.2022	.1983	350.

TABLE II. - CONTINUED

(F) MACH = 2.50, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.50 DEG								
0.		.2058	.1937	.2011	.1963	.2000	.1980	.2001	.1993	.2019	.2027	.1995	.1974	.1978
10.				.1714	.1708	.1706	.1732	.1705	.1697	.1717	.1701	.1713	.1684	.1683
20.			.1424	.1481	.1451	.1463	.1458	.1451	.1461	.1465	.1466	.1449	.1440	.1460
35.	.1377	.1398	.1288	.1314	.1297	.1346	.1318	.1334	.1346	.1352	.1333	.1348	.1310	.1318
50.				.1269	.1325		.1301	.1305	.1310	.1297	.1295	.1287	.1267	.1284
65.		.1386	.1250	.1247	.1264	.1320	.1319	.1287	.1312	.1304	.1288	.1260	.1273	.1275
90.	.1294	.1243	.1139	.1156	.1188	.1187	.1198	.1206	.1228		.1177	.1171	.1165	.1191
115.		.1146	.1048	.1114	.1136	.1101	.1114	.1104	.1151	.1106	.1102	.1076	.1092	.1096
130.				.1167	.1183		.1151	.1150	.1191	.1168	.1178	.1146	.1141	.1149
145.	.1270	.1311	.1214	.1272	.1246	.1290	.1261	.1253	.1264	.1282	.1254	.1268	.1261	.1266
160.			.1634	.1559	.1601	.1627	.1587	.1584	.1585	.1593	.1598	.1559	.1581	.1597
170.				.2206	.2202	.2231	.2194	.2153	.2152	.2161	.2133	.2138	.2108	.2113
180.		.2894	.2767	.2861	.2783	.2825	.2813	.2851	.2816	.2872	.2818	.2831	.2806	.2793
190.				.2495	.2465	.2498	.2508	.2510	.2475	.2483	.2435	.2470	.2435	.2452
200.			.1962	.1975	.1973	.1983	.1976	.1984	.2012	.1987	.1982	.1974	.1972	.1986
215.	.1633	.1682	.1597	.1673	.1578	.1652	.1625	.1623	.1645	.1658	.1641	.1656	.1640	.1612
230.				.1515	.1498		.1495	.1509	.1532	.1503	.1477	.1486	.1495	.1474
245.		.1481	.1382	.1436	.1434	.1438	.1452	.1461	.1449	.1426	.1417	.1391	.1408	.1421
270.	.1606	.1545	.1444	.1471	.1514	.1510	.1521	.1507	.1510		.1471	.1472	.1458	.1469
295.		.1653	.1525	.1557	.1606	.1606	.1615	.1592	.1601	.1566	.1558	.1578	.1562	.1539
310.				.1593	.1600		.1605	.1601	.1602	.1601	.1547	.1587	.1582	.1554
325.	.1640	.1671	.1576	.1670	.1597	.1637	.1625	.1622	.1640	.1621	.1612	.1616	.1601	.1602
340.			.1709	.1752	.1762	.1791	.1734	.1739	.1750	.1732	.1741	.1736	.1738	.1746
350.				.1917	.1938	.1924	.1959	.1937	.1927	.1934	.1894	.1953	.1953	.1941
						FOR ALPHA = 3.50 DEG								
0.		.1881	.1798	.1854	.1810	.1846	.1819	.1856	.1855	.1863	.1853	.1840	.1824	.1847
10.				.1586	.1571	.1589	.1610	.1604	.1608	.1595	.1574	.1592	.1565	.1606
20.			.1351	.1392	.1376	.1380	.1389	.1403	.1415	.1392	.1386	.1376	.1377	.1395
35.	.1336	.1360	.1248	.1246	.1261	.1286	.1279	.1301	.1309	.1300	.1282	.1289	.1299	.1278
50.				.1234	.1288		.1289	.1272	.1282	.1265	.1255	.1263	.1259	.1246
65.		.1360	.1212	.1236	.1235	.1312	.1303	.1270	.1304	.1267	.1261	.1249	.1253	.1245
90.	.1294	.1227	.1124	.1166	.1178	.1179	.1185	.1187	.1219		.1173	.1164	.1145	.1180
115.		.1153	.1069	.1116	.1113	.1106	.1102	.1117	.1153	.1111	.1107	.1086	.1080	.1110
130.				.1194	.1165		.1159	.1181	.1198	.1181	.1143	.1169	.1144	.1164
145.	.1308	.1348	.1228	.1301	.1274	.1309	.1292	.1288	.1279	.1322	.1291	.1342	.1335	.1304
160.			.1679	.1654	.1671	.1701	.1667	.1667	.1661	.1670	.1651	.1659	.1676	.1667
170.				.2362	.2349	.2373	.2336	.2331	.2311	.2325	.2300	.2308	.2287	.2240
180.		.3099	.2957	.3076	.3018	.3027	.3013	.3073	.3070	.3073	.3069	.3044	.3038	.3039
190.				.2660	.2640	.2658	.2690	.2667	.2681	.2668	.2642	.2683	.2637	.2602
200.			.2111	.2060	.2075	.2075	.2086	.2090	.2086	.2080	.2087	.2062	.2085	.2092
215.	.1673	.1729	.1610	.1677	.1644	.1689	.1676	.1671	.1687	.1704	.1680	.1670	.1692	.1680
230.				.1524	.1532		.1519	.1515	.1545	.1518	.1505	.1496	.1481	.1500
245.		.1497	.1369	.1432	.1458	.1435	.1454	.1432	.1460	.1427	.1433	.1399	.1406	.1454
270.	.1595	.1536	.1421	.1474	.1509	.1497	.1494	.1489	.1513		.1468	.1453	.1439	.1476
295.		.1645	.1506	.1538	.1564	.1590	.1599	.1573	.1582	.1545	.1552	.1517	.1526	.1527
310.				.1539	.1568		.1581	.1565	.1558	.1552	.1546	.1530	.1538	.1539
325.	.1591	.1648	.1541	.1561	.1545	.1597	.1588	.1573	.1570	.1572	.1581	.1558	.1560	.1568
340.			.1628	.1665	.1654	.1673	.1687	.1673	.1674	.1661	.1678	.1644	.1672	.1666
350.				.1784	.1787	.1785	.1842	.1807	.1813	.1826	.1794	.1793	.1803	.1804
						FOR ALPHA = 5.50 DEG								
0.		.1592	.1523	.1545	.1524	.1568	.1540	.1552	.1559	.1571	.1555	.1549	.1539	.1518
10.				.1371	.1359	.1380	.1404	.1397	.1386	.1396	.1370	.1471	.1375	.1370
20.			.1207	.1234	.1248	.1261	.1271	.1276	.1276	.1280	.1278	.1250	.1258	.1254
35.	.1271	.1303	.1164	.1194	.1160	.1234	.1230	.1222	.1209	.1210	.1212	.1225	.1207	.1202
50.				.1181	.1201		.1248	.1223	.1217	.1194	.1189	.1198	.1196	.1208
65.		.1283	.1160	.1204	.1204	.1228	.1260	.1251	.1254	.1218	.1215	.1199	.1193	.1197
90.	.1246	.1173	.1087	.1114	.1142	.1133	.1141	.1160	.1178		.1159	.1131	.1119	.1143
115.		.1139	.1042	.1083	.1081	.1071	.1095	.1107	.1128	.1100	.1129	.1065	.1090	.1077
130.				.1190	.1147		.1172	.1188	.1201	.1180	.1154	.1167	.1211	.1162
145.	.1349	.1430	.1273	.1335	.1314	.1359	.1341	.1336	.1356	.1358	.1365	.1363	.1362	.1329
160.			.1878	.1825	.1817	.1857	.1824	.1828	.1854	.1855	.1828	.1814	.1857	.1830
170.				.2677	.2673	.2735	.2697	.2634	.2626	.2629	.2631	.2631	.2586	.2585
180.		.3554	.3396	.3522	.3443	.3547	.3458	.3497	.3531	.3538	.3531	.3469	.3469	.3467
190.				.3009	.2980	.3023	.3039	.3014	.2971	.3007	.2951	.2989	.2938	.2986
200.			.2330	.2233	.2222	.2293	.2266	.2264	.2259	.2269	.2262	.2224	.2273	.2295
215.	.1770	.1817	.1656	.1734	.1702	.1778	.1745	.1757	.1764	.1762	.1766	.1769	.1761	.1748
230.				.1560	.1559		.1529	.1541	.1551	.1551	.1515	.1527	.1507	.1510
245.		.1473	.1359	.1429	.1450	.1432	.1454	.1425	.1454	.1438	.1425	.1437	.1412	.1407
270.	.1565	.1475	.1375	.1445	.1465	.1458	.1466	.1463	.1491		.1467	.1431	.1456	.1453
295.		.1556	.1455	.1494	.1526	.1543	.1553	.1531	.1556	.1517	.1504	.1471	.1495	.1489
310.				.1463	.1492		.1511	.1487	.1503	.1480	.1474	.1463	.1463	.1470
325.	.1510	.1552	.1432	.1450	.1472	.1529	.1496	.1471	.1490	.1491	.1476	.1470	.1472	.1451
340.			.1480	.1460	.1506	.1526	.1523	.1518	.1519	.1522	.1514	.1500	.1511	.1489
350.				.1544	.1568	.1568	.1603	.1583	.1595	.1577	.1566	.1555	.1550	.1538

TABLE II. - CONTINUED

(F) MACH = 2.50, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.	.1983	.1997	.2004	.2035	.2003	.1992	.1987	.1984	.1972	.1970	.1961	.1949	.1919	0.
10.		.1679	.1689	.1682	.1690	.1707	.1696	.1693	.1690	.1690	.1657	.1637	.1609	10.
20.	.1485	.1465	.1457	.1467	.1476	.1456	.1486	.1471	.1478	.1470	.1433	.1444	.1432	20.
35.	.1322	.1356	.1332	.1346		.1326	.1348	.1337	.1328	.1329	.1310	.1295	.1266	35.
50.	.1309	.1320	.1282	.1301	.1296	.1300	.1283	.1288	.1305	.1281	.1280	.1278	.1265	50.
65.	.1294	.1290	.1277	.1291	.1280	.1280	.1308	.1281		.1252	.1262	.1283	.1262	65.
90.	.1172	.1192	.1168	.1180	.1166	.1170	.1175	.1169	.1148	.1154	.1150	.1158	.1157	90.
115.	.1098	.1094	.1087	.1110	.1082	.1102	.1100	.1082		.1061	.1053	.1096	.1077	115.
130.	.1149	.1139	.1135	.1155	.1131	.1150	.1137	.1157	.1130	.1107	.1096	.1109	.1103	130.
145.	.1234	.1294	.1245	.1268		.1283	.1262	.1268	.1254	.1227	.1229	.1236	.1207	145.
160.	.1600	.1600	.1600	.1622	.1602	.1581	.1592	.1568	.1594	.1558	.1550	.1599	.1584	160.
170.		.2138	.2100	.2134	.2151	.2111	.2123	.2097	.2102	.2094	.2048	.2107	.2072	170.
180.	.2833	.2861	.2867	.2877	.2873	.2785	.2795	.2776	.2765	.2768	.2770	.2751	.2755	180.
190.		.2491	.2450	.2458	.2484	.2457	.2456	.2454	.2430	.2422	.2392	.2393	.2394	190.
200.	.1997	.1981	.2010	.1996	.2010	.1976	.1977	.1958	.1974	.1956	.1956	.1968	.1944	200.
215.	.1620	.1685	.1616	.1621		.1640	.1639	.1640	.1623	.1614	.1595	.1590	.1539	215.
230.	.1502	.1519	.1480	.1478	.1482	.1485	.1505	.1476	.1487	.1459	.1438	.1438	.1413	230.
245.	.1438	.1441	.1433	.1417	.1420	.1446	.1444	.1386		.1384	.1395	.1418	.1384	245.
270.	.1473	.1505	.1492	.1482	.1469	.1484	.1476	.1457	.1451	.1454	.1465	.1454	.1450	270.
295.	.1586	.1587	.1573	.1581	.1564	.1579	.1581	.1548		.1534	.1540	.1565	.1581	295.
310.	.1598	.1612	.1571	.1581	.1578	.1590	.1583	.1577	.1571	.1558	.1548	.1572	.1532	310.
325.	.1594	.1647	.1599	.1613		.1619	.1622	.1621	.1655	.1607	.1602	.1589	.1527	325.
340.	.1753	.1738	.1749	.1759	.1762	.1737	.1748	.1746	.1744	.1746	.1715	.1736	.1717	340.
350.		.1927	.1910	.1936	.1969	.1921	.1928	.1924	.1900	.1914	.1887	.1880	.1856	350.
						FOR ALPHA = 3.50 DEG								
0.	.1830	.1844	.1848	.1857	.1845	.1808	.1826	.1832	.1818	.1790	.1805	.1795	.1781	0.
10.		.1580	.1549	.1566	.1567	.1578	.1584	.1589	.1571	.1550	.1537	.1532	.1497	10.
20.	.1402	.1387	.1376	.1412	.1400	.1374	.1404	.1387	.1395	.1384	.1361	.1397	.1344	20.
35.	.1284	.1316	.1265	.1322		.1295	.1289	.1290	.1278	.1277	.1277	.1268	.1217	35.
50.	.1276	.1286	.1253	.1277	.1266	.1263	.1254	.1273	.1260	.1240	.1246	.1246	.1225	50.
65.	.1269	.1271	.1283	.1264	.1264	.1260	.1264	.1274		.1233	.1233	.1256	.1237	65.
90.	.1164	.1195	.1162	.1167	.1157	.1164	.1165	.1157	.1144	.1132	.1142	.1150	.1134	90.
115.	.1105	.1121	.1106	.1118	.1101	.1106	.1116	.1070		.1059	.1065	.1086	.1076	115.
130.	.1160	.1171	.1152	.1157	.1153	.1142	.1155	.1163	.1149	.1124	.1116	.1106	.1133	130.
145.	.1290	.1331	.1299	.1286		.1313	.1314	.1294	.1289	.1278	.1280	.1250	.1247	145.
160.	.1684	.1652	.1703	.1704	.1694	.1663	.1685	.1644	.1692	.1648	.1661	.1692	.1678	160.
170.		.2282	.2268	.2253	.2306	.2267	.2275	.2246	.2250	.2228	.2215	.2271	.2211	170.
180.	.3021	.3041	.3078	.3106	.3059	.3000	.3020	.3013	.2993	.3015	.3046	.3023	.2944	180.
190.		.2644	.2623	.2649	.2642	.2633	.2644	.2605	.2589	.2613	.2562	.2585	.2559	190.
200.	.2103	.2074	.2092	.2129	.2102	.2086	.2077	.2052	.2078	.2068	.2031	.2090	.2073	200.
215.	.1671	.1713	.1650	.1686		.1698	.1671	.1680	.1669	.1674	.1637	.1607	.1592	215.
230.	.1523	.1523	.1494	.1519	.1491	.1505	.1495	.1517	.1507	.1495	.1456	.1451	.1444	230.
245.	.1444	.1425	.1440	.1446	.1422	.1425	.1427	.1411		.1400	.1377	.1409	.1390	245.
270.	.1483	.1487	.1469	.1484	.1471	.1463	.1468	.1457	.1434	.1445	.1443	.1447	.1445	270.
295.	.1584	.1552	.1548	.1561	.1561	.1563	.1570	.1542		.1514	.1514	.1535	.1539	295.
310.	.1583	.1570	.1546	.1549	.1537	.1555	.1553	.1553	.1538	.1537	.1514	.1515	.1496	310.
325.	.1562	.1598	.1558	.1587		.1572	.1567	.1556	.1576	.1584	.1557	.1544	.1492	325.
340.	.1663	.1647	.1665	.1704	.1678	.1662	.1660	.1638	.1652	.1664	.1614	.1650	.1647	340.
350.		.1807	.1788	.1783	.1804	.1818	.1811	.1807	.1771	.1793	.1746	.1769	.1732	350.
						FOR ALPHA = 5.50 DEG								
0.	.1553	.1583	.1550	.1572	.1551	.1512	.1522	.1532	.1512	.1500	.1506	.1492	.1471	0.
10.		.1370	.1357	.1353	.1368	.1374	.1361	.1396	.1353	.1352	.1312	.1318	.1300	10.
20.	.1253	.1244	.1269	.1260	.1261	.1248	.1256	.1238	.1249	.1246	.1222	.1230	.1207	20.
35.	.1181	.1228	.1196	.1217		.1211	.1209	.1201	.1194	.1200	.1185	.1174	.1146	35.
50.	.1226	.1228	.1205	.1199	.1200	.1208	.1214	.1202	.1196	.1187	.1186	.1176	.1161	50.
65.	.1236	.1250	.1228	.1219	.1200	.1221	.1240	.1217		.1187	.1185	.1210	.1190	65.
90.	.1141	.1159	.1137	.1144	.1127	.1142	.1145	.1116	.1102	.1111	.1118	.1117	.1106	90.
115.	.1109	.1099	.1085	.1073	.1094	.1090	.1104	.1050		.1053	.1046	.1075	.1055	115.
130.	.1174	.1196	.1177	.1160	.1151	.1163	.1163	.1165	.1167	.1135	.1119	.1141	.1109	130.
145.	.1362	.1386	.1355	.1345		.1384	.1372	.1358	.1344	.1344	.1326	.1335	.1299	145.
160.	.1859	.1848	.1881	.1867	.1871	.1839	.1851	.1848	.1847	.1844	.1816	.1878	.1834	160.
170.		.2602	.2582	.2556	.2621	.2575	.2598	.2604	.2606	.2559	.2520	.2635	.2522	170.
180.	.3501	.3512	.3522	.3571	.3551	.3485	.3487	.3462	.3472	.3469	.3479	.3426	.3442	180.
190.		.2991	.2939	.2951	.3024	.2972	.2973	.2920	.2939	.2940	.2878	.2926	.2891	190.
200.	.2324	.2302	.2293	.2303	.2333	.2286	.2296	.2284	.2282	.2290	.2256	.2273	.2267	200.
215.	.1760	.1813	.1749	.1805		.1796	.1776	.1756	.1770	.1749	.1734	.1697	.1658	215.
230.	.1556	.1552	.1533	.1558	.1542	.1557	.1530	.1544	.1546	.1511	.1500	.1498	.1469	230.
245.	.1445	.1437	.1432	.1433	.1425	.1450	.1444	.1432		.1400	.1386	.1402	.1399	245.
270.	.1445	.1461	.1441	.1453	.1447	.1446	.1448	.1442	.1427	.1428	.1423	.1437	.1424	270.
295.	.1523	.1512	.1511	.1510	.1515	.1511	.1522	.1484		.1463	.1460	.1511	.1478	295.
310.	.1503	.1512	.1484	.1480	.1484	.1489	.1481	.1493	.1481	.1470	.1446	.1465	.1439	310.
325.	.1457	.1485	.1454	.1462		.1468	.1459	.1475	.1466	.1470	.1446	.1432	.1393	325.
340.	.1506	.1503	.1510	.1526	.1521	.1507	.1496	.1494	.1501	.1483	.1452	.1500	.1462	340.
350.		.1594	.1562	.1551	.1568	.1568	.1571	.1564	.1552	.1540	.1512	.1537	.1486	350.

TABLE II. - CONTINUED

(F) MACH = 2.50, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 10.50 DEG							
0.		.1034	.0932	.0970	.0943	.0978	.0976	.0991	.0991	.1013	.1001	.0981	.0985	.0977
10.				.0917	.0932	.0941	.0989	.0967	.0965	.0962	.0954	.0955	.0952	.0948
20.			.0903	.0919	.0913	.0970	.0981	.0970	.0948	.0935	.0953	.0936	.0947	.0950
35.	.0966	.1013	.0929	.0935	.0948	.0985	.0989	.0972	.0970	.0958	.0967	.0951	.0962	.0962
50.				.0976	.1011		.1018	.1009	.1000	.0996	.0996	.0996	.0984	.0982
65.		.1063	.0979	.1023	.1080	.1052	.1063	.1042	.1079	.1026	.1048	.1022	.1029	.1027
90.	.1084	.0997	.0929	.1003	.1004	.0988	.1007	.1015	.1032		.0986	.0985	.0965	.0985
115.		.1039	.0924	.1006	.1003	.0981	.1019	.1055	.1055	.1011	.0969	.0968	.0957	.0983
130.				.1170	.1139		.1162	.1187	.1193	.1168	.1116	.1131	.1129	.1100
145.	.1488	.1586	.1466	.1496	.1448	.1511	.1492	.1513	.1489	.1526	.1481	.1491	.1485	.1517
160.			.2361	.2292	.2305	.2344	.2317	.2318	.2352	.2326	.2315	.2275	.2313	.2348
170.				.3611	.3573	.3691	.3638	.3601	.3543	.3528	.3521	.3510	.3526	.3496
180.		.4861	.4692	.4783	.4734	.4802	.4761	.4789	.4796	.4826	.4900	.4846	.4840	.4811
190.				.3952	.3964	.3995	.4017	.3986	.3972	.3915	.3901	.3918	.3913	.3863
200.			.2850	.2777	.2772	.2803	.2811	.2793	.2829	.2844	.2822	.2780	.2784	.2843
215.	.1947	.2060	.1933	.1926	.1870	.1978	.1945	.1955	.1951	.1981	.1960	.1986	.1953	.1947
230.				.1564	.1531		.1554	.1582	.1595	.1594	.1525	.1549	.1522	.1555
245.		.1413	.1273	.1349	.1344	.1346	.1377	.1415	.1416	.1401	.1349	.1328	.1324	.1358
270.	.1403	.1306	.1242	.1312	.1298	.1295	.1330	.1325	.1361		.1288	.1289	.1273	.1309
295.		.1304	.1233	.1290	.1335	.1339	.1328	.1321	.1342	.1291	.1290	.1288	.1304	.1309
310.				.1228	.1279		.1244	.1240	.1248	.1225	.1216	.1221	.1221	.1223
325.	.1158	.1196	.1113	.1143	.1158	.1171	.1161	.1156	.1158	.1169	.1175	.1165	.1158	.1147
340.			.1051	.1077	.1093	.1112	.1089	.1088	.1085	.1088	.1103	.1090	.1086	.1098
350.				.1004	.1020	.1012	.1076	.1046	.1034	.1039	.1046	.1046	.1040	.1055
							FOR ALPHA = 15.50 DEG							
0.		.0680	.0542	.0546	.0510	.0569	.0590	.0598	.0588	.0586	.0593	.0581	.0586	.0573
10.				.0552	.0535	.0549	.0611	.0603	.0590	.0579	.0583	.0598	.0578	.0574
20.			.0543	.0556	.0561	.0579	.0577	.0584	.0584	.0578	.0597	.0586	.0595	.0580
35.	.0601	.0643	.0591	.0600	.0602	.0623	.0630	.0603	.0612	.0606	.0622	.0623	.0622	.0615
50.				.0670	.0689		.0688	.0667	.0677	.0656	.0677	.0668	.0673	.0677
65.		.0756	.0699	.0752	.0772	.0753	.0786	.0766	.0793	.0746	.0776	.0745	.0760	.0759
90.	.1057	.0940	.0833	.0905	.0861	.0864	.0913	.0901	.0941		.0929	.0910	.0906	.0931
115.														
130.														
145.														
160.														
170.														
180.		.6375	.6189	.6211	.6248	.6315	.6276	.6323	.6314	.6310	.6366	.6324	.6319	.6327
190.				.5022	.5106	.5147	.5109	.5085	.5053	.5032	.5005	.5016	.5009	.4992
200.			.3464	.3404	.3410	.3458	.3448	.3436	.3506	.3519	.3490	.3450	.3450	.3488
215.	.2203	.2319	.2266	.2206	.2148	.2242	.2224	.2214	.2233	.2232	.2238	.2245	.2240	.2231
230.				.1579	.1594		.1581	.1632	.1632	.1624	.1612	.1634	.1616	.1624
245.		.1399	.1322	.1270	.1270	.1280	.1307	.1343	.1323	.1316	.1312	.1281	.1298	.1296
270.	.1214	.1087	.1018	.1097	.1090	.1091	.1115	.1112	.1149		.1119	.1116	.1091	.1135
295.		.1008	.0969	.1040	.1063	.1036	.1066	.1061	.1068	.1037	.1029	.1030	.1025	.1035
310.				.0900	.0916		.0912	.0889	.0902	.0898	.0891	.0896	.0893	.0892
325.	.0744	.0766	.0701	.0764	.0761	.0779	.0769	.0767	.0762	.0771	.0768	.0766	.0748	.0769
340.			.0591	.0590	.0647	.0641	.0636	.0648	.0644	.0650	.0657	.0646	.0636	.0650
350.				.0549	.0541	.0548	.0606	.0589	.0563	.0586	.0595	.0592	.0585	.0580
							FOR ALPHA = 20.50 DEG							
0.		.0345	.0239	.0241	.0250	.0322	.0338	.0336	.0333	.0326	.0343	.0328	.0330	.0330
10.				.0202	.0202	.0269	.0317	.0300	.0305	.0307	.0322	.0315	.0315	.0314
20.			.0153	.0167	.0152	.0162	.0193	.0203	.0226	.0232	.0254	.0248	.0291	.0241
35.	.0163	.0203	.0145	.0172	.0168	.0149	.0176	.0144	.0171	.0191	.0209	.0199	.0265	.0224
50.				.0269	.0260		.0256	.0243	.0253	.0250	.0267	.0251	.0257	.0275
65.		.0365	.0337	.0408	.0400	.0419	.0430	.0441	.0480	.0413	.0435	.0389	.0391	.0434
90.	.0668	.0533	.0429	.0503	.0485	.0487	.0525	.0524	.0560		.0536	.0540	.0537	.0560
115.		.0971	.0770	.0827	.0817	.0816	.0841	.0843	.0882	.0825	.0872	.0830	.0850	.0840
130.				.1265	.1284		.1247	.1261	.1287	.1265	.1258	.1281	.1256	.1259
145.	.1929	.2172	.2122	.1964	.2016	.2052	.2069	.2025	.2072	.2064	.2061	.2063	.2088	.2062
160.			.3485	.3512	.3576	.3567	.3558	.3566	.3610	.3643	.3628	.3603	.3647	.3629
170.				.5840	.5891	.5883	.5846	.5797	.5759	.5716	.5659	.5773	.5744	.5705
180.		.7881	.7734	.7781	.7730	.7723	.7790	.7821	.7839	.7859	.7931	.7883	.7880	.7869
190.				.6272	.6307	.6364	.6327	.6237	.6237	.6175	.6263	.6200	.6229	.6217
200.			.4053	.4099	.4134	.4191	.4154	.4154	.4232	.4156	.4238	.4137	.4224	.4226
215.	.2485	.2733	.2608	.2517	.2555	.2637	.2589	.2566	.2566	.2608	.2605	.2566	.2591	.2604
230.				.1727	.1726		.1720	.1751	.1762	.1774	.1731	.1741	.1735	.1711
245.		.1443	.1250	.1258	.1262	.1243	.1274	.1315	.1339	.1327	.1291	.1261	.1254	.1269
270.	.1058	.0899	.0834	.0863	.0869	.0881	.0894	.0924	.0941		.0909	.0917	.0890	.0934
295.		.0657	.0633	.0704	.0712	.0723	.0750	.0744	.0777	.0722	.0723	.0711	.0717	.0689
310.				.0484	.0467		.0490	.0480	.0484	.0467	.0494	.0479	.0471	.0464
325.	.0260	.0270	.0255	.0305	.0270	.0266	.0283	.0294	.0293	.0281	.0305	.0242	.0312	.0283
340.			.0103	.0123	.0143	.0124	.0141	.0158	.0178	.0172	.0211	.0203	.0223	.0202
350.				.0177	.0151	.0170	.0225	.0228	.0232	.0210	.0242	.0231	.0233	.0229

TABLE II. - CONTINUED

(F) MACH = 2.50, BETA = .99 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9285	.9643	THETA, DEG
						FOR ALPHA = 10.50 DEG								
0.	.0959	.0965	.0948	.0963	.0943	.0941	.0940	.0953	.0943	.0938	.0932	.0937	.0926	0.
10.		.0922	.0911	.0911	.0927	.0921	.0925	.0913	.0902	.0914	.0890	.0900	.0886	10.
20.	.0930	.0916	.0919	.0937	.0915	.0916	.0911	.0903	.0901	.0909	.0875	.0907	.0895	20.
35.	.0945	.0984	.0948	.0959		.0946	.0946	.0941	.0945	.0938	.0926	.0903	.0858	35.
50.	.1014	.1023	.1002	.1013	.0991	.0986	.0974	.0990	.0976	.0989	.0970	.0966	.0943	50.
65.	.1060	.1049	.1051	.1055	.1041	.1059	.1056	.1032		.1018	.1015	.1033	.1021	65.
90.	.0995	.1013	.0997	.0992	.0989	.0991	.1002	.0999	.0963	.0963	.0978	.0978	.0961	90.
115.	.1008	.1004	.0994	.1019	.1005	.1000	.1035	.0993		.0969	.0986	.0990	.0968	115.
130.	.1169	.1166	.1168	.1192	.1144	.1155	.1181	.1165	.1151	.1123	.1146	.1117	.1120	130.
145.	.1521	.1545	.1539	.1538		.1563	.1564	.1529	.1499	.1486	.1509	.1508	.1454	145.
160.	.2372	.2352	.2421	.2394	.2386	.2361	.2397	.2325	.2377	.2352	.2363	.2406	.2361	160.
170.		.3531	.3468	.3496	.3539	.3490	.3511	.3496	.3475	.3455	.3419	.3483	.3463	170.
180.	.4784	.4831	.4795	.4878	.4832	.4772	.4779	.4766	.4701	.4733	.4744	.4766	.4705	180.
190.		.3935	.3910	.3924	.3925	.3936	.3919	.3920	.3889	.3887	.3817	.3877	.3841	190.
200.	.2884	.2833	.2898	.2872	.2898	.2859	.2866	.2836	.2834	.2834	.2854	.2884	.2826	200.
215.	.1979	.2034	.1959	.1992		.2020	.2010	.1980	.1966	.1935	.1957	.1936	.1936	215.
230.	.1612	.1613	.1554	.1583	.1579	.1572	.1592	.1575	.1584	.1551	.1551	.1533	.1526	230.
245.	.1404	.1415	.1370	.1379	.1379	.1400	.1387	.1355		.1353	.1341	.1349	.1345	245.
270.	.1296	.1333	.1305	.1327	.1315	.1311	.1299	.1291	.1295	.1279	.1295	.1287	.1275	270.
295.	.1332	.1318	.1308	.1306	.1296	.1326	.1317	.1307		.1272	.1278	.1311	.1283	295.
310.	.1251	.1248	.1216	.1232	.1241	.1222	.1223	.1219	.1199	.1198	.1197	.1202	.1195	310.
325.	.1128	.1171	.1127	.1162		.1139	.1148	.1154	.1136	.1124	.1113	.1094	.1055	325.
340.	.1080	.1059	.1081	.1083	.1053	.1049	.1058	.1049	.1063	.1073	.1041	.1052	.1023	340.
350.		.1022	.1014	.1012	.1005	.1012	.1012	.1008	.1001	.1008	.0993	.0982	.0991	350.
						FOR ALPHA = 15.50 DEG								
0.	.0582	.0570	.0560	.0576	.0558	.0553	.0563	.0566	.0559	.0551	.0557	.0545	.0528	0.
10.		.0556	.0546	.0561	.0554	.0557	.0566	.0573	.0565	.0569	.0563	.0563	.0533	10.
20.	.0562	.0556	.0563	.0564	.0571	.0576	.0573	.0578	.0566	.0560	.0559	.0569	.0538	20.
35.	.0587	.0635	.0581	.0598		.0604	.0601	.0621	.0601	.0594	.0581	.0565	.0528	35.
50.	.0681	.0681	.0670	.0660	.0654	.0660	.0657	.0656	.0649	.0660	.0635	.0635	.0622	50.
65.	.0778	.0759	.0754	.0753	.0752	.0787	.0767	.0757		.0730	.0704	.0729	.0720	65.
90.	.0930	.0925	.0917	.0936	.0913	.0915	.0927	.0916	.0892	.0907	.0900	.0883	.0878	90.
115.														115.
130.														130.
145.														145.
160.														160.
170.														170.
180.	.6303	.6315	.6250	.6391	.6273	.6170	.6257	.6230	.6183	.6190	.6220	.6289	.6136	180.
190.		.5024	.5001	.4954	.5014	.4991	.4988	.5004	.4982	.5004	.4973	.4997	.4923	190.
200.	.3548	.3505	.3586	.3537	.3550	.3539	.3506	.3498	.3493	.3533	.3527	.3580	.3509	200.
215.	.2263	.2287	.2230	.2292		.2303	.2317	.2243	.2232	.2255	.2253	.2244	.2194	215.
230.	.1663	.1647	.1612	.1663	.1633	.1633	.1665	.1611	.1628	.1614	.1591	.1595	.1570	230.
245.	.1336	.1327	.1304	.1317	.1313	.1299	.1307	.1297		.1262	.1269	.1263	.1266	245.
270.	.1128	.1157	.1136	.1138	.1115	.1105	.1106	.1112	.1088	.1081	.1094	.1079	.1085	270.
295.	.1037	.1034	.1025	.1045	.1023	.1040	.1032	.1021		.1014	.0997	.1016	.1018	295.
310.	.0889	.0897	.0881	.0902	.0878	.0874	.0871	.0858	.0878	.0871	.0871	.0866	.0865	310.
325.	.0736	.0769	.0731	.0751		.0749	.0741	.0750	.0757	.0742	.0742	.0732	.0702	325.
340.	.0621	.0622	.0635	.0620	.0643	.0638	.0640	.0624	.0629	.0618	.0611	.0614	.0622	340.
350.		.0566	.0562	.0566	.0565	.0572	.0572	.0559	.0560	.0559	.0551	.0538	.0537	350.
						FOR ALPHA = 20.50 DEG								
0.	.0335	.0313	.0297	.0313	.0306	.0304	.0312	.0323	.0308	.0302	.0298	.0296	.0282	0.
10.		.0288	.0281	.0286	.0291	.0298	.0290	.0285	.0279	.0276	.0278	.0284	.0261	10.
20.	.0223	.0221	.0226	.0233	.0230	.0234	.0211	.0211	.0227	.0219	.0203	.0225	.0215	20.
35.	.0189	.0205	.0192	.0206		.0201	.0194	.0201	.0213	.0202	.0180	.0188	.0162	35.
50.	.0266	.0276	.0261	.0269	.0284	.0270	.0256	.0270	.0252	.0277	.0238	.0262	.0267	50.
65.	.0421	.0424	.0424	.0423	.0410	.0421	.0416	.0413		.0403	.0407	.0423	.0416	65.
90.	.0529	.0552	.0547	.0563	.0539	.0536	.0534	.0515	.0490	.0501	.0517	.0533	.0515	90.
115.	.0842	.0837	.0845	.0856	.0835	.0875	.0864	.0823		.0802	.0793	.0816	.0830	115.
130.	.1277	.1280	.1299	.1290	.1287	.1308	.1280	.1284	.1239	.1249	.1241	.1259	.1227	130.
145.	.2063	.2174	.2111	.2125		.2178	.2147	.2132	.2076	.2083	.2083	.2063	.2026	145.
160.	.3719	.3686	.3700	.3720	.3684	.3701	.3690	.3697	.3686	.3700	.3703	.3739	.3688	160.
170.		.5697	.5603	.5594	.5613	.5652	.5659	.5645	.5638	.5651	.5606	.5665	.5564	170.
180.	.7923	.7846	.7800	.7905	.7816	.7814	.7803	.7761	.7709	.7757	.7800	.7796	.7722	180.
190.		.6173	.6129	.6125	.6196	.6187	.6181	.6230	.6069	.6147	.6055	.6189	.6053	190.
200.	.4256	.4181	.4291	.4301	.4320	.4285	.4303	.4228	.4293	.4297	.4268	.4335	.4210	200.
215.	.2607	.2640	.2629	.2625		.2662	.2665	.2640	.2648	.2630	.2608	.2620	.2527	215.
230.	.1778	.1754	.1774	.1780	.1737	.1730	.1777	.1793	.1796	.1747	.1741	.1730	.1725	230.
245.	.1333	.1305	.1293	.1298	.1281	.1285	.1335	.1273		.1245	.1243	.1269	.1288	245.
270.	.0938	.0948	.0930	.0931	.0920	.0941	.0933	.0924	.0883	.0881	.0890	.0895	.0905	270.
295.	.0714	.0723	.0714	.0708	.0732	.0731	.0738	.0718		.0707	.0699	.0693	.0678	295.
310.	.0469	.0498	.0473	.0492	.0494	.0500	.0478	.0474	.0478	.0472	.0463	.0451	.0431	310.
325.	.0272	.0276	.0267	.0284		.0299	.0309	.0305	.0297	.0296	.0274	.0259	.0227	325.
340.	.0170	.0152	.0157	.0166	.0196	.0186	.0197	.0190	.0187	.0170	.0159	.0164	.0128	340.
350.		.0197	.0199	.0195	.0195	.0203	.0215	.0217	.0201	.0199	.0182	.0195	.0149	350.

TABLE II. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -4.50 DEG							
0.		.3426	.3340	.3358	.3317	.3351	.3300	.3342	.3321	.3363	.3328	.3324	.3300	.3295
10.				.2410	.2378	.2389	.2363	.2329	.2337	.2305	.2294	.2286	.2248	.2217
20.			.1638	.1589	.1580	.1593	.1585	.1573	.1598	.1577	.1588	.1575	.1574	.1561
35.	.1228	.1276	.1141	.1222	.1177	.1201	.1190	.1210	.1207	.1219	.1205	.1204	.1217	.1181
50.				.1120	.1066		.1078	.1096	.1104	.1100	.1081	.1093	.1085	.1070
65.		.1086	.1001	.1037	.1021	.1024	.1044	.1075	.1074	.1042	.1049	.1046	.1046	.1041
90.	.1007	.0949	.0841	.0867	.0880	.0900	.0901	.0915	.0924		.0901	.0890	.0872	.0904
115.		.0875	.0744	.0757	.0758	.0769	.0811	.0797	.0814	.0772	.0785	.0745	.0751	.0748
130.				.0762	.0755		.0798	.0791	.0800	.0785	.0771	.0762	.0750	.0747
145.	.0863	.0878	.0776	.0766	.0758	.0773	.0785	.0772	.0793	.0798	.0789	.0781	.0765	.0755
160.			.0841	.0848	.0840	.0851	.0836	.0824	.0832	.0832	.0865	.0821	.0821	.0832
170.				.1028	.1044	.1049	.1052	.1034	.1017	.1009	.0997	.1018	.0990	.0981
180.		.1563	.1452	.1515	.1479	.1502	.1488	.1509	.1510	.1510	.1492	.1476	.1473	.1478
190.				.1688	.1689	.1681	.1730	.1702	.1667	.1679	.1696	.1674	.1676	.1653
200.			.1632	.1688	.1659	.1695	.1670	.1661	.1637	.1641	.1650	.1630	.1649	.1647
215.	.1651	.1685	.1585	.1597	.1616	.1680	.1642	.1616	.1618	.1642	.1614	.1620	.1604	.1627
230.				.1620	.1682		.1667	.1642	.1626	.1638	.1608	.1617	.1600	.1618
245.		.1700	.1588	.1628	.1695	.1691	.1701	.1663	.1659	.1663	.1649	.1628	.1632	.1618
270.	.1951	.1864	.1769	.1844	.1849	.1843	.1841	.1843	.1865		.1832	.1804	.1761	.1795
295.		.2110	.1991	.2054	.2056	.2046	.2070	.2057	.2078	.2039	.2015	.1987	.2003	.1991
310.				.2206	.2184		.2180	.2154	.2187	.2169	.2119	.2114	.2131	.2120
325.	.2366	.2439	.2371	.2415	.2340	.2382	.2337	.2354	.2371	.2374	.2364	.2357	.2326	.2332
340.			.2821	.2819	.2802	.2840	.2799	.2778	.2832	.2818	.2812	.2763	.2777	.2785
350.				.3322	.3292	.3316	.3318	.3305	.3271	.3311	.3270	.3273	.3282	.3252
							FOR ALPHA = -2.50 DEG							
0.		.2971	.2847	.2932	.2868	.2900	.2856	.2929	.2884	.2913	.2866	.2847	.2872	.2874
10.				.2088	.2093	.2090	.2077	.2056	.2042	.2017	.2007	.1999	.2003	.1964
20.			.1435	.1439	.1457	.1460	.1427	.1445	.1444	.1450	.1432	.1425	.1422	.1434
35.	.1209	.1222	.1110	.1180	.1140	.1173	.1163	.1167	.1177	.1168	.1160	.1162	.1154	.1144
50.				.1118	.1088		.1089	.1088	.1110	.1082	.1059	.1077	.1054	.1068
65.		.1090	.0996	.1047	.1073	.1069	.1059	.1058	.1079	.1050	.1062	.1043	.1043	.1031
90.	.1033	.0986	.0873	.0884	.0914	.0921	.0927	.0941	.0957		.0924	.0921	.0908	.0924
115.		.0901	.0773	.0769	.0775	.0814	.0849	.0821	.0852	.0800	.0809	.0787	.0804	.0812
130.				.0780	.0804		.0835	.0833	.0840	.0812	.0797	.0813	.0808	.0828
145.	.0883	.0907	.0805	.0830	.0811	.0825	.0839	.0840	.0846	.0831	.0840	.0833	.0819	.0870
160.			.0931	.0942	.0943	.0942	.0927	.0926	.0924	.0904	.0931	.0912	.0910	.0926
170.				.1267	.1254	.1240	.1251	.1214	.1191	.1198	.1177	.1196	.1177	.1164
180.		.1900	.1746	.1848	.1795	.1829	.1817	.1822	.1831	.1852	.1829	.1791	.1804	.1787
190.				.1979	.1982	.1978	.2007	.1997	.1979	.1984	.1919	.1948	.1987	.1947
200.			.1829	.1910	.1848	.1900	.1865	.1858	.1858	.1854	.1892	.1848	.1864	.1854
215.	.1763	.1796	.1704	.1795	.1702	.1774	.1763	.1760	.1742	.1774	.1804	.1761	.1757	.1742
230.				.1749	.1729		.1736	.1745	.1689	.1728	.1692	.1702	.1701	.1709
245.		.1783	.1672	.1720	.1751	.1740	.1749	.1729	.1704	.1703	.1712	.1701	.1684	.1709
270.	.1975	.1902	.1804	.1860	.1897	.1875	.1868	.1885	.1883		.1852	.1822	.1784	.1853
295.		.2060	.1956	.2052	.2041	.2020	.2060	.2034	.2069	.2031	.2042	.1958	.1995	.1990
310.				.2158	.2121		.2127	.2105	.2159	.2126	.2082	.2061	.2072	.2071
325.	.2235	.2286	.2193	.2286	.2231	.2263	.2240	.2227	.2294	.2288	.2248	.2242	.2239	.2215
340.			.2507	.2590	.2599	.2599	.2588	.2555	.2590	.2595	.2567	.2553	.2577	.2584
350.				.2932	.2968	.2932	.2978	.2949	.2927	.2956	.2905	.2911	.2942	.2939
							FOR ALPHA = -1.50 DEG							
0.		.2770	.2629	.2709	.2658	.2682	.2661	.2697	.2672	.2699	.2701	.2652	.2662	.2628
10.				.1950	.1947	.1934	.1913	.1900	.1888	.1872	.1841	.1849	.1837	.1848
20.			.1343	.1353	.1367	.1381	.1385	.1370	.1392	.1373	.1369	.1334	.1354	.1371
35.	.1168	.1206	.1099	.1137	.1118	.1154	.1142	.1152	.1153	.1147	.1140	.1136	.1128	.1102
50.				.1067	.1092		.1086	.1086	.1097	.1079	.1064	.1056	.1056	.1076
65.		.1112	.0993	.1014	.1056	.1066	.1067	.1052	.1082	.1057	.1044	.1025	.1042	.1052
90.	.1036	.0990	.0888	.0909	.0914	.0926	.0949	.0956	.0961		.0920	.0916	.0908	.0931
115.		.0889	.0784	.0773	.0801	.0829	.0835	.0838	.0856	.0818	.0806	.0793	.0803	.0790
130.				.0802	.0812		.0816	.0839	.0842	.0822	.0807	.0826	.0816	.0802
145.	.0905	.0905	.0812	.0859	.0813	.0848	.0835	.0842	.0854	.0844	.0839	.0863	.0854	.0838
160.			.0951	.0978	.0963	.0974	.0967	.0978	.0975	.0947	.0964	.0957	.0974	.0982
170.				.1367	.1341	.1342	.1336	.1329	.1304	.1296	.1277	.1295	.1304	.1271
180.		.2080	.1920	.2024	.1979	.2003	.1993	.2004	.2012	.2015	.1992	.1974	.1987	.1989
190.				.2122	.2150	.2125	.2187	.2145	.2118	.2133	.2112	.2110	.2134	.2105
200.			.1920	.2012	.1975	.1979	.1985	.1947	.1968	.1938	.1969	.1922	.1948	.1960
215.	.1812	.1871	.1749	.1872	.1783	.1820	.1828	.1805	.1814	.1808	.1813	.1802	.1809	.1789
230.				.1789	.1776		.1784	.1795	.1766	.1746	.1748	.1729	.1744	.1725
245.		.1828	.1671	.1740	.1789	.1768	.1761	.1758	.1753	.1718	.1741	.1712	.1717	.1699
270.	.1973	.1916	.1793	.1822	.1900	.1868	.1873	.1866	.1907		.1837	.1844	.1798	.1834
295.		.2050	.1938	.2013	.2018	.1995	.2009	.2021	.2041	.2005	.2014	.1979	.1971	.1961
310.				.2093	.2093		.2056	.2078	.2091	.2073	.2053	.2064	.2038	.2026
325.	.2180	.2229	.2140	.2228	.2155	.2182	.2161	.2193	.2212	.2214	.2190	.2195	.2181	.2146
340.			.2388	.2486	.2459	.2470	.2459	.2477	.2476	.2458	.2472	.2434	.2461	.2481
350.				.2769	.2769	.2746	.2794	.2779	.2771	.2748	.2751	.2755	.2722	.2751

TABLE II. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.50 DEG								
0.	.3308	.3341	.3322	.3358	.3341	.3269	.3311	.3317	.3309	.3315	.3340	.3301	.3248	0.
10.		.2286	.2243	.2264	.2285	.2300	.2294	.2312	.2292	.2293	.2284	.2278	.2251	10.
20.	.1605	.1589	.1630	.1611	.1617	.1610	.1629	.1605	.1617	.1599	.1590	.1644	.1596	20.
35.	.1198	.1214	.1206	.1198		.1221	.1209	.1201	.1207	.1207	.1211	.1197	.1148	35.
50.	.1084	.1087	.1070	.1052	.1064	.1064	.1080	.1057	.1069	.1069	.1079	.1071	.1045	50.
65.	.1037	.1018	.1022	.1008	.1019	.1009	.1050	.1001		.1007	.1008	.1026	.1013	65.
90.	.0876	.0896	.0870	.0871	.0872	.0876	.0887	.0865	.0862	.0860	.0869	.0855	.0842	90.
115.	.0753	.0751	.0751	.0765	.0770	.0778	.0774	.0742		.0730	.0707	.0743	.0732	115.
130.	.0753	.0767	.0751	.0768	.0771	.0762	.0766	.0758	.0749	.0734	.0706	.0718	.0697	130.
145.	.0749	.0803	.0761	.0765		.0771	.0759	.0771	.0765	.0753	.0736	.0712	.0677	145.
160.	.0845	.0825	.0837	.0828	.0813	.0808	.0801	.0799	.0815	.0805	.0786	.0806	.0787	160.
170.		.0996	.0962	.0965	.0971	.0967	.0966	.0966	.0966	.0953	.0936	.0943	.0922	170.
180.	.1515	.1489	.1471	.1500	.1471	.1436	.1454	.1449	.1429	.1433	.1433	.1412	.1387	180.
190.		.1691	.1686	.1662	.1680	.1676	.1675	.1656	.1630	.1645	.1625	.1639	.1566	190.
200.	.1650	.1654	.1659	.1655	.1660	.1637	.1636	.1632	.1656	.1629	.1596	.1597	.1568	200.
215.	.1619	.1656	.1609	.1619		.1633	.1623	.1599	.1615	.1584	.1566	.1530	.1490	215.
230.	.1653	.1658	.1627	.1621	.1625	.1637	.1620	.1597	.1611	.1588	.1557	.1555	.1554	230.
245.	.1676	.1678	.1660	.1658	.1657	.1658	.1667	.1615		.1606	.1581	.1594	.1605	245.
270.	.1814	.1838	.1808	.1817	.1810	.1800	.1794	.1773	.1769	.1782	.1776	.1771	.1780	270.
295.	.2056	.2032	.2012	.2030	.2023	.2032	.2049	.2009		.2006	.1977	.2013	.2003	295.
310.	.2184	.2161	.2123	.2131	.2144	.2168	.2164	.2163	.2145	.2106	.2102	.2101	.2077	310.
325.	.2349	.2403	.2359	.2373		.2404	.2368	.2373	.2386	.2367	.2335	.2338	.2286	325.
340.	.2832	.2833	.2857	.2854	.2836	.2804	.2836	.2797	.2829	.2829	.2819	.2830	.2826	340.
350.		.3321	.3266	.3273	.3315	.3294	.3283	.3314	.3295	.3287	.3264	.3285	.3244	350.
						FOR ALPHA = -2.50 DEG								
0.	.2886	.2895	.2894	.2952	.2897	.2879	.2910	.2887	.2868	.2881	.2901	.2881	.2847	0.
10.		.1995	.1969	.1993	.2021	.1975	.2020	.2011	.2007	.1977	.2003	.1977	.1943	10.
20.	.1484	.1446	.1477	.1475	.1476	.1453	.1471	.1475	.1470	.1466	.1461	.1498	.1453	20.
35.	.1159	.1181	.1184	.1161		.1180	.1171	.1181	.1169	.1145	.1165	.1136	.1113	35.
50.	.1073	.1072	.1066	.1077	.1085	.1069	.1077	.1066	.1068	.1059	.1055	.1064	.1034	50.
65.	.1040	.1031	.1033	.1044	.1042	.1030	.1062	.1012		.1024	.1028	.1056	.1026	65.
90.	.0893	.0919	.0892	.0897	.0891	.0886	.0901	.0905	.0896	.0893	.0893	.0892	.0869	90.
115.	.0793	.0785	.0776	.0790	.0775	.0797	.0809	.0791		.0769	.0762	.0792	.0769	115.
130.	.0789	.0793	.0767	.0799	.0794	.0814	.0803	.0811	.0789	.0778	.0774	.0774	.0741	130.
145.	.0777	.0818	.0785	.0822		.0840	.0829	.0839	.0829	.0809	.0805	.0788	.0728	145.
160.	.0907	.0894	.0914	.0948	.0929	.0915	.0926	.0931	.0918	.0915	.0890	.0903	.0886	160.
170.		.1153	.1153	.1174	.1178	.1161	.1176	.1171	.1146	.1151	.1112	.1121	.1111	170.
180.	.1788	.1792	.1798	.1842	.1792	.1765	.1779	.1779	.1768	.1763	.1753	.1764	.1709	180.
190.		.1972	.2014	.1964	.1982	.1952	.1959	.1963	.1939	.1964	.1927	.1929	.1880	190.
200.	.1881	.1851	.1876	.1868	.1867	.1845	.1869	.1823	.1861	.1832	.1821	.1842	.1802	200.
215.	.1751	.1789	.1756	.1741		.1750	.1776	.1708	.1742	.1720	.1694	.1671	.1632	215.
230.	.1739	.1765	.1727	.1713	.1716	.1718	.1711	.1679	.1687	.1678	.1664	.1635	.1639	230.
245.	.1722	.1742	.1733	.1719	.1716	.1714	.1730	.1664		.1654	.1660	.1624	.1662	245.
270.	.1833	.1849	.1837	.1846	.1815	.1834	.1835	.1800	.1789	.1807	.1799	.1790	.1794	270.
295.	.2013	.2002	.2017	.2003	.2001	.2013	.2057	.2000		.1994	.1951	.2006	.1983	295.
310.	.2085	.2101	.2092	.2088	.2073	.2107	.2084	.2115	.2102	.2080	.2036	.2065	.2036	310.
325.	.2231	.2273	.2256	.2259		.2294	.2247	.2270	.2257	.2262	.2233	.2221	.2180	325.
340.	.2598	.2569	.2583	.2614	.2608	.2582	.2569	.2598	.2596	.2607	.2573	.2602	.2569	340.
350.		.2982	.2937	.2957	.2943	.2983	.2934	.2928	.2931	.2933	.2930	.2940	.2897	350.
						FOR ALPHA = -1.50 DEG								
0.	.2623	.2688	.2682	.2744	.2678	.2632	.2676	.2670	.2649	.2668	.2667	.2647	.2605	0.
10.		.1858	.1833	.1837	.1867	.1871	.1877	.1866	.1863	.1857	.1822	.1841	.1797	10.
20.	.1399	.1370	.1384	.1399	.1393	.1369	.1408	.1395	.1400	.1398	.1386	.1415	.1370	20.
35.	.1111	.1165	.1137	.1148		.1149	.1141	.1140	.1143	.1154	.1141	.1132	.1088	35.
50.	.1074	.1070	.1063	.1057	.1061	.1060	.1054	.1062	.1066	.1047	.1053	.1048	.1030	50.
65.	.1055	.1044	.1047	.1034	.1025	.1037	.1047	.1026		.1016	.1014	.1041	.1027	65.
90.	.0907	.0930	.0912	.0904	.0901	.0901	.0910	.0897	.0901	.0892	.0894	.0893	.0883	90.
115.	.0789	.0798	.0796	.0797	.0799	.0807	.0832	.0790		.0758	.0771	.0784	.0769	115.
130.	.0804	.0812	.0794	.0808	.0821	.0807	.0822	.0820	.0809	.0772	.0773	.0781	.0748	130.
145.	.0818	.0852	.0831	.0825		.0842	.0856	.0840	.0834	.0829	.0829	.0806	.0756	145.
160.	.0976	.0935	.0969	.0978	.0986	.0952	.0966	.0956	.0958	.0949	.0951	.0973	.0938	160.
170.		.1239	.1252	.1232	.1268	.1269	.1282	.1267	.1251	.1249	.1225	.1242	.1214	170.
180.	.1988	.1986	.1978	.2018	.1976	.1958	.1971	.1946	.1944	.1945	.1963	.1949	.1901	180.
190.		.2148	.2142	.2135	.2115	.2132	.2104	.2129	.2084	.2131	.2070	.2083	.2022	190.
200.	.1984	.1956	.1983	.1987	.1955	.1964	.1962	.1956	.1944	.1958	.1907	.1946	.1899	200.
215.	.1798	.1839	.1808	.1810		.1831	.1847	.1805	.1786	.1803	.1750	.1742	.1673	215.
230.	.1783	.1768	.1741	.1758	.1761	.1751	.1756	.1734	.1716	.1729	.1695	.1688	.1656	230.
245.	.1758	.1736	.1742	.1727	.1725	.1725	.1747	.1695		.1689	.1714	.1697	.1676	245.
270.	.1845	.1853	.1825	.1828	.1829	.1821	.1828	.1822	.1800	.1790	.1814	.1809	.1796	270.
295.	.1996	.1993	.1984	.1975	.1973	.2012	.2000	.2011		.1946	.1944	.1963	.1953	295.
310.	.2069	.2065	.2040	.2068	.2041	.2030	.2064	.2069	.2049	.2039	.2039	.2027	.1995	310.
325.	.2169	.2232	.2147	.2214		.2199	.2188	.2178	.2170	.2195	.2197	.2162	.2107	325.
340.	.2495	.2436	.2500	.2500	.2465	.2456	.2479	.2460	.2475	.2485	.2464	.2489	.2424	340.
350.		.2810	.2747	.2768	.2769	.2780	.2789	.2778	.2744	.2778	.2744	.2755	.2710	350.

TABLE II. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -.50 DEG							
0.		.2565	.2422	.2504	.2482	.2487	.2463	.2492	.2500	.2496	.2488	.2453	.2481	.2475
10.				.1849	.1802	.1815	.1782	.1785	.1780	.1742	.1720	.1715	.1737	.1724
20.			.1271	.1313	.1299	.1321	.1317	.1297	.1326	.1307	.1308	.1287	.1315	.1314
35.	.1150	.1165	.1064	.1137	.1103	.1140	.1106	.1131	.1125	.1144	.1122	.1129	.1143	.1102
50.				.1037	.1071		.1056	.1101	.1097	.1082	.1066	.1053	.1058	.1045
65.		.1101	.0988	.0985	.1061	.1059	.1065	.1078	.1112	.1069	.1044	.1035	.1023	.1030
90.	.1031	.0999	.0877	.0906	.0912	.0926	.0964	.0957	.0968		.0928	.0928	.0902	.0934
115.		.0882	.0781	.0768	.0821	.0807	.0840	.0837	.0855	.0829	.0835	.0808	.0814	.0804
130.				.0795	.0826		.0843	.0842	.0857	.0849	.0824	.0830	.0826	.0822
145.	.0900	.0931	.0828	.0879	.0823	.0874	.0871	.0862	.0877	.0874	.0875	.0877	.0871	.0875
160.			.0992	.1007	.1016	.1039	.1015	.1014	.1024	.1011	.1016	.1005	.1017	.1027
170.				.1485	.1457	.1473	.1466	.1429	.1418	.1430	.1373	.1391	.1398	.1376
180.		.2266	.2120	.2199	.2134	.2197	.2174	.2198	.2181	.2187	.2180	.2157	.2175	.2155
190.				.2263	.2281	.2286	.2321	.2296	.2315	.2292	.2224	.2209	.2225	.2210
200.			.1995	.2093	.2073	.2081	.2059	.2047	.2076	.2073	.2049	.2027	.2045	.2080
215.	.1863	.1907	.1807	.1898	.1855	.1887	.1870	.1849	.1865	.1872	.1849	.1860	.1897	.1858
230.				.1828	.1828		.1800	.1792	.1812	.1780	.1749	.1760	.1785	.1817
245.		.1817	.1695	.1766	.1821	.1782	.1776	.1751	.1786	.1751	.1735	.1733	.1758	.1766
270.	.1990	.1913	.1795	.1836	.1929	.1874	.1850	.1868	.1903		.1827	.1844	.1857	.1842
295.		.2041	.1913	.1986	.1988	.1967	.1989	.1987	.2013	.1991	.1973	.1996	.2014	.1934
310.				.2061	.2038		.2019	.2034	.2065	.2042	.2012	.2036	.2067	.1992
325.	.2126	.2185	.2063	.2155	.2089	.2129	.2098	.2119	.2153	.2141	.2141	.2143	.2120	.2117
340.			.2286	.2385	.2368	.2374	.2340	.2352	.2373	.2341	.2350	.2322	.2359	.2347
350.				.2612	.2609	.2580	.2665	.2611	.2616	.2605	.2592	.2528	.2518	.2513
							FOR ALPHA = .50 DEG							
0.		.2364	.2231	.2306	.2271	.2321	.2268	.2304	.2297	.2306	.2307	.2275	.2267	.2275
10.				.1716	.1678	.1668	.1673	.1643	.1622	.1623	.1624	.1640	.1588	.1610
20.			.1242	.1252	.1244	.1266	.1253	.1239	.1251	.1230	.1256	.1263	.1290	.1268
35.	.1139	.1161	.1055	.1108	.1047	.1106	.1099	.1110	.1105	.1090	.1115	.1138	.1091	.1087
50.				.1016	.1065		.1073	.1073	.1091	.1070	.1108	.1047	.1045	.1034
65.		.1110	.1008	.0977	.1050	.1051	.1080	.1069	.1091	.1063	.1102	.1044	.1023	.1006
90.	.1037	.1004	.0877	.0885	.0898	.0942	.0968	.0962	.0981		.0963	.0923	.0906	.0928
115.		.0882	.0765	.0762	.0844	.0823	.0848	.0847	.0876	.0833	.0848	.0823	.0820	.0815
130.				.0808	.0851		.0848	.0853	.0870	.0847	.0852	.0854	.0832	.0832
145.	.0909	.0945	.0844	.0906	.0864	.0894	.0898	.0885	.0891	.0901	.0906	.0934	.0888	.0876
160.			.1041	.1067	.1075	.1080	.1096	.1077	.1084	.1071	.1083	.1048	.1070	.1097
170.				.1601	.1585	.1601	.1595	.1562	.1549	.1529	.1515	.1512	.1493	.1507
180.		.2476	.2304	.2402	.2357	.2364	.2390	.2374	.2388	.2408	.2381	.2338	.2356	.2369
190.				.2457	.2464	.2431	.2491	.2463	.2448	.2447	.2449	.2423	.2443	.2431
200.			.2088	.2210	.2194	.2183	.2189	.2187	.2179	.2158	.2177	.2161	.2164	.2174
215.	.1932	.1962	.1869	.1974	.1948	.1942	.1929	.1924	.1927	.1920	.1923	.1930	.1916	.1909
230.				.1876	.1873		.1833	.1850	.1851	.1805	.1814	.1831	.1814	.1803
245.		.1840	.1727	.1790	.1807	.1794	.1806	.1802	.1830	.1763	.1774	.1747	.1746	.1734
270.	.1984	.1923	.1792	.1817	.1917	.1863	.1866	.1874	.1904		.1838	.1844	.1811	.1827
295.		.2034	.1902	.1960	.1988	.1975	.1969	.1977	.2011	.1968	.1965	.1950	.1952	.1948
310.				.2031	.2001		.1995	.2006	.2024	.1995	.1981	.1983	.1994	.1989
325.	.2079	.2116	.2014	.2127	.2052	.2080	.2065	.2070	.2092	.2100	.2067	.2085	.2066	.2073
340.			.2194	.2285	.2267	.2269	.2251	.2245	.2274	.2270	.2334	.2232	.2247	.2249
350.				.2436	.2456	.2464	.2489	.2460	.2440	.2465	.2391	.2418	.2435	.2415
							FOR ALPHA = 1.50 DEG							
0.		.2192	.2049	.2137	.2109	.2132	.2099	.2124	.2138	.2142	.2143	.2090	.2112	.2090
10.				.1542	.1559	.1558	.1551	.1540	.1540	.1526	.1510	.1525	.1507	.1480
20.			.1203	.1213	.1199	.1203	.1219	.1186	.1214	.1178	.1182	.1196	.1224	.1225
35.	.1111	.1136	.1055	.1082	.1038	.1089	.1080	.1054	.1074	.1071	.1084	.1097	.1092	.1083
50.				.1023	.1031		.1062	.1059	.1067	.1048	.1058	.1046	.1053	.1028
65.		.1130	.1009	.0998	.1028	.1030	.1076	.1056	.1081	.1053	.1052	.1008	.1017	.1006
90.	.1024	.0992	.0885	.0892	.0914	.0920	.0957	.0954	.0975		.0936	.0922	.0902	.0919
115.		.0859	.0771	.0757	.0830	.0831	.0845	.0828	.0873	.0823	.0839	.0819	.0818	.0811
130.				.0814	.0858		.0857	.0853	.0862	.0837	.0837	.0858	.0841	.0833
145.	.0933	.0947	.0852	.0901	.0890	.0902	.0904	.0901	.0899	.0908	.0904	.0930	.0902	.0894
160.			.1107	.1130	.1117	.1125	.1128	.1138	.1136	.1131	.1119	.1129	.1102	.1130
170.				.1746	.1707	.1731	.1707	.1707	.1666	.1661	.1651	.1613	.1596	.1625
180.		.2691	.2514	.2612	.2556	.2588	.2592	.2596	.2572	.2596	.2609	.2542	.2517	.2561
190.				.2607	.2607	.2624	.2647	.2604	.2601	.2625	.2616	.2569	.2566	.2583
200.			.2201	.2286	.2281	.2287	.2287	.2283	.2281	.2247	.2276	.2253	.2255	.2267
215.	.1997	.2031	.1899	.2014	.1944	.1994	.1980	.1960	.1958	.1991	.1962	.2002	.1970	.1947
230.				.1883	.1855		.1871	.1865	.1868	.1839	.1825	.1854	.1903	.1814
245.		.1859	.1743	.1798	.1788	.1803	.1809	.1796	.1801	.1766	.1782	.1766	.1737	.1757
270.	.1987	.1914	.1804	.1823	.1882	.1861	.1853	.1851	.1880		.1871	.1829	.1804	.1841
295.		.2019	.1889	.1939	.1982	.1973	.1988	.1933	.1975	.1953	.1932	.1914	.1927	.1930
310.				.1970	.1981		.1993	.1959	.1990	.1977	.1936	.1948	.1946	.1957
325.	.2031	.2058	.1979	.2057	.1982	.2035	.1991	.1991	.2018	.2027	.1999	.2021	.2008	.1998
340.			.2130	.2171	.2165	.2170	.2129	.2144	.2151	.2158	.2151	.2119	.2131	.2144
350.				.2272	.2285	.2266	.2299	.2303	.2284	.2280	.2277	.2304	.2284	.2269

TABLE II. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.50 DEG								
0.	.2460	.2497	.2519	.2531	.2496	.2475	.2492	.2495	.2459	.2469	.2467	.2470	.2416	0.
10.		.1731	.1747	.1728	.1746	.1766	.1755	.1761	.1742	.1731	.1701	.1735	.1662	10.
20.	.1331	.1310	.1352	.1386	.1353	.1318	.1363	.1325	.1351	.1324	.1331	.1372	.1308	20.
35.	.1103	.1133	.1109	.1119		.1116	.1140	.1118	.1124	.1131	.1108	.1111	.1063	35.
50.	.1059	.1061	.1048	.1050	.1058	.1049	.1060	.1081	.1074	.1037	.1048	.1038	.1034	50.
65.	.1037	.1035	.1052	.1032	.1028	.1033	.1040	.1020		.0999	.1026	.1032	.1027	65.
90.	.0906	.0924	.0913	.0916	.0904	.0907	.0909	.0900	.0894	.0891	.0903	.0901	.0897	90.
115.	.0813	.0806	.0803	.0819	.0788	.0816	.0819	.0802		.0792	.0777	.0788	.0785	115.
130.	.0823	.0828	.0801	.0819	.0799	.0816	.0823	.0824	.0829	.0803	.0790	.0794	.0768	130.
145.	.0825	.0880	.0840	.0853		.0886	.0878	.0867	.0869	.0850	.0847	.0826	.0783	145.
160.	.1011	.0996	.1015	.1012	.1030	.1032	.1042	.1020	.1024	.1026	.0999	.1023	.1016	160.
170.		.1373	.1354	.1358	.1383	.1373	.1391	.1377	.1372	.1370	.1345	.1347	.1307	170.
180.	.2161	.2197	.2170	.2192	.2174	.2136	.2144	.2143	.2126	.2128	.2141	.2147	.2072	180.
190.		.2305	.2290	.2276	.2288	.2275	.2262	.2268	.2272	.2258	.2228	.2232	.2203	190.
200.	.2084	.2038	.2075	.2106	.2092	.2062	.2054	.2054	.2051	.2040	.2017	.2090	.2030	200.
215.	.1859	.1899	.1861	.1887		.1876	.1864	.1877	.1848	.1834	.1814	.1821	.1754	215.
230.	.1795	.1808	.1778	.1814	.1783	.1768	.1763	.1787	.1769	.1747	.1720	.1735	.1695	230.
245.	.1762	.1760	.1785	.1773	.1744	.1733	.1757	.1737		.1693	.1688	.1746	.1598	245.
270.	.1832	.1862	.1840	.1832	.1817	.1830	.1836	.1835	.1792	.1792	.1794	.1818	.1805	270.
295.	.1986	.1990	.1970	.1979	.1967	.1958	.1993	.1958		.1926	.1927	.1958	.1944	295.
310.	.2039	.2033	.2009	.2018	.2003	.2014	.2013	.2013	.2018	.1994	.1993	.2003	.1956	310.
325.	.2126	.2143	.2108	.2124		.2127	.2129	.2133	.2127	.2115	.2120	.2102	.2038	325.
340.	.2371	.2348	.2367	.2383	.2368	.2331	.2368	.2363	.2368	.2406	.2343	.2384	.2330	340.
350.		.2606	.2603	.2624	.2624	.2591	.2595	.2622	.2567	.2597	.2560	.2600	.2525	350.
						FOR ALPHA = .50 DEG								
0.	.2304	.2303	.2306	.2340	.2328	.2278	.2294	.2289	.2278	.2289	.2284	.2254	.2211	0.
10.		.1614	.1605	.1593	.1657	.1624	.1629	.1626	.1617	.1586	.1615	.1584	.1547	10.
20.	.1291	.1265	.1277	.1277	.1303	.1265	.1307	.1270	.1265	.1276	.1252	.1267	.1241	20.
35.	.1101	.1127	.1083	.1105		.1109	.1100	.1096	.1107	.1102	.1091	.1085	.1027	35.
50.	.1051	.1073	.1029	.1050	.1055	.1055	.1049	.1045	.1061	.1044	.1050	.1040	.1006	50.
65.	.1046	.1035	.1023	.1027	.1042	.1040	.1040	.1029		.1021	.1014	.1035	.1027	65.
90.	.0917	.0934	.0912	.0913	.0910	.0919	.0907	.0911	.0897	.0904	.0906	.0905	.0897	90.
115.	.0824	.0820	.0809	.0811	.0810	.0827	.0825	.0815		.0794	.0787	.0805	.0778	115.
130.	.0836	.0839	.0814	.0837	.0819	.0834	.0838	.0848	.0842	.0822	.0803	.0799	.0781	130.
145.	.0872	.0906	.0864	.0892		.0895	.0897	.0905	.0886	.0884	.0878	.0843	.0808	145.
160.	.1084	.1075	.1087	.1094	.1081	.1092	.1094	.1086	.1090	.1081	.1072	.1080	.1048	160.
170.		.1511	.1469	.1484	.1487	.1520	.1506	.1512	.1489	.1485	.1437	.1479	.1447	170.
180.	.2391	.2383	.2375	.2418	.2366	.2325	.2339	.2356	.2325	.2352	.2313	.2319	.2273	180.
190.		.2455	.2459	.2462	.2465	.2480	.2462	.2433	.2401	.2450	.2404	.2397	.2356	190.
200.	.2199	.2144	.2207	.2264	.2202	.2187	.2185	.2172	.2154	.2164	.2129	.2147	.2109	200.
215.	.1915	.1972	.1936	.1952		.1938	.1950	.1935	.1903	.1930	.1907	.1866	.1803	215.
230.	.1837	.1857	.1820	.1824	.1812	.1811	.1826	.1843	.1798	.1800	.1774	.1765	.1730	230.
245.	.1784	.1782	.1766	.1768	.1748	.1769	.1791	.1760		.1721	.1740	.1762	.1713	245.
270.	.1843	.1871	.1843	.1842	.1812	.1844	.1848	.1834	.1808	.1804	.1819	.1837	.1804	270.
295.	.1959	.1974	.1957	.1974	.1950	.1951	.1974	.1936		.1918	.1922	.1940	.1909	295.
310.	.2005	.2006	.1983	.1996	.2003	.1978	.1993	.2005	.1976	.1976	.1974	.1974	.1954	310.
325.	.2067	.2091	.2057	.2063		.2064	.2071	.2065	.2057	.2072	.2052	.2053	.2000	325.
340.	.2303	.2238	.2295	.2300	.2275	.2246	.2256	.2262	.2299	.2277	.2248	.2256	.2241	340.
350.		.2449	.2434	.2449	.2452	.2443	.2433	.2464	.2445	.2447	.2412	.2417	.2362	350.
						FOR ALPHA = 1.50 DEG								
0.	.2111	.2107	.2097	.2150	.2117	.2063	.2108	.2110	.2086	.2107	.2096	.2076	.2036	0.
10.		.1520	.1499	.1508	.1512	.1530	.1518	.1538	.1503	.1487	.1477	.1510	.1445	10.
20.	.1225	.1225	.1224	.1235	.1255	.1214	.1199	.1203	.1210	.1217	.1202	.1229	.1188	20.
35.	.1062	.1116	.1076	.1064		.1087	.1078	.1081	.1076	.1096	.1070	.1066	.1000	35.
50.	.1030	.1053	.1039	.1046	.1028	.1048	.1038	.1038	.1049	.1035	.1007	.1019	.0996	50.
65.	.1036	.1036	.1029	.1036	.1012	.1039	.1048	.1001		.1015	.1005	.1031	.1010	65.
90.	.0913	.0934	.0915	.0908	.0889	.0916	.0908	.0906	.0882	.0901	.0896	.0903	.0884	90.
115.	.0811	.0826	.0805	.0816	.0805	.0821	.0818	.0819		.0794	.0790	.0800	.0774	115.
130.	.0821	.0856	.0811	.0836	.0828	.0847	.0831	.0861	.0835	.0819	.0806	.0794	.0783	130.
145.	.0883	.0926	.0873	.0918		.0913	.0916	.0913	.0901	.0892	.0896	.0869	.0826	145.
160.	.1153	.1135	.1127	.1157	.1127	.1124	.1158	.1137	.1151	.1130	.1145	.1147	.1118	160.
170.		.1634	.1589	.1573	.1595	.1611	.1646	.1632	.1627	.1588	.1602	.1583	.1547	170.
180.	.2589	.2594	.2587	.2612	.2589	.2525	.2536	.2543	.2547	.2570	.2534	.2546	.2498	180.
190.		.2644	.2596	.2624	.2618	.2629	.2631	.2613	.2574	.2621	.2565	.2573	.2521	190.
200.	.2308	.2248	.2295	.2311	.2304	.2289	.2276	.2250	.2294	.2259	.2230	.2257	.2217	200.
215.	.1979	.1991	.1971	.1961		.2008	.1989	.1977	.1962	.1969	.1969	.1928	.1849	215.
230.	.1864	.1877	.1835	.1831	.1832	.1822	.1838	.1830	.1819	.1822	.1792	.1782	.1771	230.
245.	.1788	.1790	.1778	.1758	.1763	.1744	.1782	.1725		.1746	.1741	.1763	.1740	245.
270.	.1835	.1862	.1833	.1831	.1811	.1828	.1826	.1812	.1812	.1813	.1795	.1807	.1801	270.
295.	.1951	.1953	.1943	.1949	.1928	.1961	.1938	.1922		.1929	.1892	.1931	.1919	295.
310.	.1978	.1969	.1934	.1952	.1976	.1980	.1934	.1945	.1944	.1930	.1919	.1931	.1905	310.
325.	.1996	.2070	.1994	.2021		.2033	.1992	.2016	.2018	.1999	.1996	.1970	.1936	325.
340.	.2178	.2153	.2159	.2165	.2151	.2112	.2138	.2131	.2155	.2147	.2129	.2149	.2113	340.
350.		.2310	.2263	.2290	.2280	.2258	.2294	.2276	.2271	.2291	.2246	.2253	.2224	350.

TABLE II. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.50 DEG								
0.		.2017	.1903	.1988	.1933	.1958	.1927	.1951	.1955	.1949	.1962	.1917	.1932	.1923
10.				.1462	.1446	.1473	.1443	.1429	.1420	.1403	.1418	.1418	.1394	.1407
20.			.1150	.1177	.1156	.1161	.1157	.1155	.1145	.1132	.1148	.1153	.1146	.1138
35.	.1096	.1117	.1040	.1048	.1032	.1047	.1058	.1045	.1046	.1065	.1053	.1064	.1059	.1041
50.				.0996	.1031		.1047	.1041	.1049	.1026	.1032	.1043	.1029	.1017
65.		.1118	.1001	.0988	.0978	.1037	.1066	.1030	.1068	.1028	.1040	.1014	.1008	.1027
90.	.1023	.0973	.0867	.0872	.0890	.0923	.0939	.0935	.0966		.0920	.0915	.0892	.0920
115.		.0849	.0751	.0789	.0816	.0822	.0832	.0834	.0855	.0826	.0830	.0798	.0813	.0813
130.				.0836	.0836		.0837	.0852	.0853	.0846	.0831	.0842	.0843	.0834
145.	.0946	.0975	.0837	.0918	.0880	.0925	.0922	.0896	.0912	.0923	.0930	.0931	.0919	.0903
160.			.1163	.1179	.1175	.1194	.1179	.1172	.1202	.1181	.1212	.1169	.1182	.1188
170.				.1847	.1852	.1866	.1850	.1818	.1813	.1799	.1798	.1770	.1747	.1736
180.		.2875	.2710	.2845	.2752	.2788	.2771	.2824	.2802	.2818	.2790	.2749	.2761	.2764
190.				.2777	.2791	.2779	.2841	.2817	.2814	.2750	.2744	.2771	.2767	.2778
200.			.2306	.2377	.2393	.2400	.2392	.2363	.2386	.2358	.2365	.2328	.2391	.2358
215.	.2038	.2111	.1991	.2078	.1990	.2045	.2021	.2015	.2054	.2031	.2028	.2035	.2053	.1995
230.				.1911	.1906		.1880	.1875	.1904	.1868	.1855	.1846	.1872	.1850
245.		.1874	.1723	.1830	.1804	.1801	.1828	.1811	.1810	.1784	.1781	.1753	.1784	.1755
270.	.1973	.1895	.1796	.1853	.1874	.1859	.1859	.1858	.1883		.1831	.1824	.1797	.1825
295.		.1984	.1876	.1917	.1989	.1942	.1952	.1949	.1933	.1922	.1909	.1901	.1903	.1918
310.				.1954	.1955		.1933	.1945	.1941	.1922	.1899	.1917	.1920	.1915
325.	.1963	.1998	.1928	.2009	.1915	.1972	.1945	.1954	.1966	.1981	.1938	.1954	.1937	.1950
340.			.2025	.2092	.2053	.2060	.2051	.2063	.2073	.2059	.2048	.2019	.2041	.2040
350.				.2141	.2144	.2135	.2160	.2145	.2131	.2167	.2133	.2137	.2128	.2090
						FOR ALPHA = 3.50 DEG								
0.		.1851	.1746	.1813	.1753	.1802	.1772	.1782	.1783	.1816	.1780	.1773	.1760	.1774
10.				.1355	.1337	.1362	.1360	.1340	.1306	.1349	.1303	.1308	.1335	.1320
20.			.1090	.1126	.1107	.1104	.1100	.1098	.1096	.1103	.1112	.1076	.1095	.1135
35.	.1069	.1103	.0987	.1028	.0998	.1018	.1019	.1026	.1026	.1035	.1034	.1028	.1024	.1045
50.				.0992	.0996		.1022	.1027	.1030	.1002	.1013	.1018	.1009	.1011
65.		.1097	.0956	.0987	.0985	.0999	.1039	.1031	.1040	.1012	.1017	.0998	.0997	.0996
90.	.0995	.0953	.0846	.0868	.0886	.0890	.0913	.0920	.0941		.0910	.0907	.0886	.0905
115.		.0850	.0742	.0785	.0790	.0784	.0820	.0828	.0852	.0829	.0825	.0814	.0820	.0804
130.				.0835	.0816		.0842	.0856	.0870	.0842	.0847	.0843	.0848	.0829
145.	.0942	.0996	.0855	.0921	.0896	.0942	.0936	.0939	.0940	.0932	.0949	.0948	.0950	.0912
160.			.1226	.1238	.1247	.1249	.1258	.1240	.1267	.1249	.1242	.1242	.1246	.1236
170.				.2008	.2015	.2005	.2018	.1965	.1973	.1926	.1891	.1912	.1879	.1869
180.		.3096	.2927	.3032	.2984	.3051	.2995	.3010	.3014	.3061	.3026	.3001	.2997	.2990
190.				.2974	.2961	.2962	.3031	.2969	.2964	.2975	.2939	.2927	.2962	.2929
200.			.2461	.2504	.2476	.2493	.2513	.2490	.2503	.2494	.2477	.2451	.2479	.2490
215.	.2095	.2167	.2083	.2142	.2056	.2098	.2089	.2090	.2092	.2084	.2084	.2109	.2083	.2068
230.				.1964	.1903		.1925	.1913	.1918	.1887	.1887	.1902	.1886	.1879
245.		.1890	.1761	.1824	.1799	.1810	.1834	.1820	.1830	.1790	.1812	.1781	.1771	.1759
270.	.1956	.1886	.1791	.1857	.1854	.1837	.1843	.1855	.1859		.1820	.1805	.1783	.1815
295.		.1939	.1836	.1966	.1957	.1904	.1924	.1921	.1921	.1898	.1898	.1887	.1889	.1872
310.				.1873	.1930		.1892	.1912	.1896	.1886	.1897	.1891	.1874	.1869
325.	.1899	.1940	.1845	.1881	.1875	.1918	.1887	.1890	.1919	.1903	.1926	.1897	.1883	.1919
340.			.1919	.1986	.1946	.1966	.1931	.1947	.1958	.1944	.1950	.1916	.1925	.1935
350.				.1988	.1992	.1969	.2024	.1994	.1985	.1982	.1959	.1969	.1993	.1966
						FOR ALPHA = 5.50 DEG								
0.		.1545	.1452	.1502	.1473	.1492	.1467	.1506	.1498	.1497	.1501	.1468	.1470	.1480
10.				.1152	.1182	.1154	.1163	.1151	.1163	.1146	.1138	.1141	.1135	.1133
20.			.0989	.1022	.1011	.0997	.0998	.1002	.1022	.1008	.1006	.0988	.0994	.1009
35.	.1024	.1055	.0922	.0943	.0934	.0952	.0964	.0979	.0993	.0969	.0963	.0967	.0973	.0961
50.				.0934	.0935		.0993	.0982	.0973	.0955	.0948	.0955	.0967	.0961
65.		.1034	.0911	.0930	.0947	.0954	.0994	.0969	.1004	.0959	.0972	.0963	.0978	.0954
90.	.0961	.0899	.0804	.0833	.0854	.0861	.0868	.0874	.0898		.0883	.0877	.0858	.0868
115.		.0818	.0734	.0732	.0757	.0768	.0795	.0803	.0826	.0806	.0798	.0792	.0798	.0771
130.				.0828	.0786		.0818	.0837	.0870	.0825	.0825	.0849	.0840	.0824
145.	.0979	.1025	.0914	.0929	.0897	.0960	.0955	.0966	.0969	.0949	.0967	.0984	.0974	.0943
160.			.1403	.1357	.1391	.1368	.1391	.1397	.1412	.1393	.1407	.1384	.1372	.1384
170.				.2310	.2295	.2327	.2300	.2299	.2234	.2232	.2219	.2226	.2189	.2164
180.		.3569	.3472	.3485	.3423	.3495	.3465	.3489	.3472	.3504	.3484	.3487	.3425	.3447
190.				.3349	.3334	.3378	.3371	.3336	.3331	.3335	.3315	.3299	.3353	.3346
200.			.2812	.2735	.2697	.2756	.2755	.2700	.2755	.2718	.2731	.2687	.2710	.2733
215.	.2194	.2251	.2209	.2233	.2182	.2208	.2189	.2192	.2201	.2230	.2181	.2239	.2209	.2181
230.				.2017	.2004		.1934	.1968	.1974	.1964	.1937	.1931	.2009	.1923
245.		.1895	.1782	.1847	.1839	.1805	.1856	.1835	.1860	.1812	.1814	.1827	.1789	.1830
270.	.1930	.1843	.1739	.1825	.1824	.1814	.1817	.1823	.1853		.1799	.1796	.1762	.1800
295.		.1888	.1761	.1800	.1865	.1852	.1876	.1865	.1863	.1833	.1829	.1808	.1819	.1815
310.				.1810	.1812		.1823	.1821	.1811	.1785	.1789	.1787	.1784	.1768
325.	.1792	.1832	.1701	.1770	.1747	.1787	.1762	.1755	.1779	.1773	.1771	.1748	.1744	.1736
340.			.1705	.1745	.1756	.1755	.1754	.1752	.1771	.1740	.1734	.1743	.1726	.1735
350.				.1694	.1705	.1688	.1738	.1720	.1718	.1714	.1697	.1699	.1703	.1695

TABLE II. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = 2.50 DEG								
0.	.1936	.1977	.1950	.1991	.1964	.1903	.1920	.1930	.1924	.1926	.1903	.1891	.1859	0.
10.		.1421	.1402	.1411	.1418	.1428	.1442	.1412	.1397	.1387	.1374	.1370	.1310	10.
20.	.1173	.1152	.1163	.1194	.1176	.1177	.1169	.1147	.1189	.1156	.1136	.1156	.1112	20.
35.	.1050	.1093	.1039	.1066		.1062	.1060	.1063	.1057	.1063	.1057	.1028	.0974	35.
50.	.1031	.1045	.1008	.1007	.1022	.1027	.1016	.1034	.1024	.1021	.1006	.1004	.0998	50.
65.	.1021	.1018	.1014	.1006	.1017	.1033	.1025	.1013		.1001	.0996	.1027	.1003	65.
90.	.0901	.0923	.0903	.0901	.0902	.0902	.0900	.0880	.0882	.0887	.0887	.0891	.0880	90.
115.	.0820	.0807	.0799	.0809	.0820	.0805	.0818	.0790		.0767	.0780	.0788	.0776	115.
130.	.0855	.0834	.0819	.0827	.0839	.0835	.0843	.0835	.0844	.0822	.0797	.0797	.0782	130.
145.	.0916	.0928	.0896	.0908		.0905	.0924	.0912	.0932	.0904	.0895	.0889	.0839	145.
160.	.1212	.1184	.1208	.1198	.1190	.1192	.1201	.1203	.1223	.1202	.1186	.1216	.1178	160.
170.		.1750	.1723	.1709	.1732	.1729	.1753	.1770	.1750	.1759	.1706	.1745	.1692	170.
180.	.2745	.2834	.2776	.2822	.2784	.2743	.2775	.2788	.2734	.2754	.2782	.2751	.2717	180.
190.		.2771	.2750	.2801	.2806	.2792	.2785	.2774	.2746	.2766	.2733	.2749	.2658	190.
200.	.2391	.2377	.2406	.2396	.2397	.2384	.2392	.2401	.2387	.2383	.2355	.2403	.2312	200.
215.	.2026	.2063	.2022	.2047		.2045	.2026	.2036	.2019	.2022	.1993	.2001	.1926	215.
230.	.1888	.1867	.1884	.1855	.1848	.1867	.1870	.1853	.1855	.1830	.1828	.1855	.1801	230.
245.	.1806	.1791	.1806	.1776	.1777	.1768	.1794	.1763		.1747	.1745	.1785	.1748	245.
270.	.1826	.1846	.1839	.1830	.1814	.1814	.1846	.1821	.1802	.1808	.1812	.1792	.1796	270.
295.	.1928	.1935	.1921	.1934	.1912	.1943	.1940	.1895		.1886	.1891	.1900	.1883	295.
310.	.1948	.1951	.1918	.1934	.1924	.1921	.1922	.1890	.1907	.1908	.1900	.1900	.1888	310.
325.	.1941	.2007	.1944	.1940		.1947	.1957	.1953	.1952	.1960	.1939	.1929	.1871	325.
340.	.2059	.2035	.2068	.2047	.2062	.2048	.2054	.2046	.2070	.2043	.2013	.2036	.2037	340.
350.		.2161	.2148	.2134	.2137	.2169	.2161	.2156	.2122	.2131	.2088	.2107	.2063	350.
						FOR ALPHA = 3.50 DEG								
0.	.1773	.1802	.1798	.1814	.1788	.1754	.1776	.1756	.1756	.1733	.1727	.1739	.1721	0.
10.		.1311	.1295	.1318	.1303	.1313	.1323	.1311	.1314	.1301	.1238	.1262	.1278	10.
20.	.1113	.1098	.1135	.1135	.1128	.1104	.1116	.1094	.1122	.1116	.1092	.1084	.1078	20.
35.	.1004	.1043	.1021	.1033		.1027	.1032	.1040	.1023	.1022	.1020	.0997	.0950	35.
50.	.1024	.1010	.0993	.1023	.1001	.1001	.1019	.1009	.1012	.0997	.0990	.0987	.0974	50.
65.	.1015	.1007	.0997	.1009	.0989	.1000	.1014	.0989		.0980	.0986	.1015	.0989	65.
90.	.0894	.0911	.0894	.0890	.0884	.0889	.0890	.0881	.0864	.0866	.0880	.0870	.0875	90.
115.	.0818	.0802	.0802	.0795	.0789	.0804	.0806	.0779		.0770	.0776	.0791	.0758	115.
130.	.0829	.0842	.0828	.0820	.0806	.0829	.0841	.0826	.0853	.0825	.0822	.0805	.0770	130.
145.	.0900	.0954	.0910	.0923		.0940	.0949	.0945	.0935	.0946	.0921	.0905	.0854	145.
160.	.1236	.1250	.1281	.1263	.1293	.1253	.1288	.1280	.1278	.1291	.1250	.1305	.1241	160.
170.		.1894	.1878	.1857	.1877	.1880	.1893	.1913	.1907	.1871	.1851	.1886	.1817	170.
180.	.3012	.3015	.3001	.3062	.2998	.2979	.2966	.3001	.2977	.2979	.2969	.2979	.2932	180.
190.		.2965	.2936	.2917	.2968	.2983	.2972	.2974	.2952	.2937	.2892	.2919	.2885	190.
200.	.2512	.2508	.2534	.2533	.2539	.2511	.2528	.2491	.2495	.2505	.2464	.2493	.2457	200.
215.	.2078	.2138	.2093	.2077		.2123	.2098	.2064	.2057	.2089	.2076	.2051	.1984	215.
230.	.1914	.1923	.1884	.1880	.1872	.1894	.1893	.1891	.1879	.1882	.1870	.1858	.1825	230.
245.	.1815	.1826	.1800	.1794	.1778	.1802	.1814	.1747		.1787	.1772	.1784	.1753	245.
270.	.1813	.1848	.1827	.1824	.1806	.1813	.1819	.1807	.1790	.1797	.1802	.1792	.1785	270.
295.	.1906	.1889	.1905	.1900	.1877	.1880	.1915	.1870		.1857	.1873	.1869	.1864	295.
310.	.1906	.1898	.1870	.1893	.1866	.1875	.1872	.1866	.1878	.1859	.1855	.1873	.1823	310.
325.	.1864	.1909	.1886	.1889		.1876	.1905	.1884	.1902	.1859	.1859	.1855	.1798	325.
340.	.1949	.1941	.1948	.1962	.1967	.1953	.1955	.1954	.1945	.1940	.1899	.1936	.1893	340.
350.		.1998	.2000	.1990	.2013	.1978	.1994	.1988	.1957	.1980	.1948	.1941	.1912	350.
						FOR ALPHA = 5.50 DEG								
0.	.1500	.1500	.1480	.1506	.1478	.1438	.1465	.1471	.1443	.1432	.1440	.1439	.1413	0.
10.		.1142	.1122	.1119	.1134	.1127	.1127	.1125	.1108	.1090	.1073	.1079	.1060	10.
20.	.1008	.1004	.1011	.1035	.1013	.0995	.1011	.1018	.1003	.0986	.0964	.0988	.0954	20.
35.	.0952	.0990	.0953	.0969		.0970	.0973	.0965	.0962	.0949	.0939	.0929	.0878	35.
50.	.0963	.0971	.0943	.0955	.0945	.0960	.0955	.0970	.0955	.0944	.0937	.0945	.0908	50.
65.	.0964	.0965	.0965	.0958	.0954	.0964	.0965	.0959		.0947	.0946	.0953	.0939	65.
90.	.0849	.0879	.0865	.0857	.0848	.0851	.0849	.0845	.0828	.0837	.0832	.0840	.0834	90.
115.	.0787	.0780	.0775	.0766	.0781	.0780	.0788	.0748		.0737	.0736	.0761	.0728	115.
130.	.0833	.0827	.0807	.0822	.0813	.0820	.0817	.0816	.0840	.0808	.0806	.0794	.0749	130.
145.	.0949	.0985	.0958	.0955		.0976	.0964	.0981	.0954	.0970	.0970	.0944	.0894	145.
160.	.1409	.1397	.1420	.1417	.1432	.1400	.1430	.1429	.1420	.1423	.1420	.1432	.1394	160.
170.		.2182	.2162	.2183	.2145	.2174	.2185	.2212	.2206	.2198	.2154	.2146	.2132	170.
180.	.3453	.3495	.3457	.3517	.3492	.3409	.3439	.3401	.3436	.3443	.3471	.3429	.3386	180.
190.		.3350	.3308	.3309	.3379	.3403	.3320	.3350	.3316	.3306	.3264	.3286	.3242	190.
200.	.2769	.2780	.2755	.2793	.2741	.2752	.2757	.2734	.2772	.2720	.2706	.2755	.2685	200.
215.	.2207	.2229	.2208	.2254		.2211	.2218	.2198	.2205	.2214	.2178	.2190	.2102	215.
230.	.1960	.1967	.1944	.1953	.1926	.1959	.1942	.1968	.1941	.1931	.1919	.1917	.1897	230.
245.	.1818	.1831	.1831	.1821	.1810	.1797	.1838	.1829		.1771	.1789	.1807	.1785	245.
270.	.1803	.1830	.1814	.1801	.1791	.1799	.1797	.1793	.1766	.1778	.1776	.1776	.1769	270.
295.	.1877	.1841	.1832	.1828	.1825	.1832	.1833	.1789		.1815	.1799	.1818	.1799	295.
310.	.1819	.1833	.1770	.1787	.1780	.1788	.1787	.1786	.1786	.1781	.1757	.1771	.1749	310.
325.	.1743	.1785	.1727	.1738		.1763	.1764	.1760	.1749	.1753	.1731	.1731	.1667	325.
340.	.1733	.1732	.1744	.1764	.1767	.1742	.1731	.1730	.1743	.1740	.1698	.1729	.1694	340.
350.		.1725	.1694	.1695	.1706	.1722	.1704	.1724	.1677	.1676	.1690	.1668	.1644	350.

TABLE II. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 10.50 DEG								
0.		.0947	.0881	.0884	.0889	.0893	.0884	.0903	.0921	.0926	.0915	.0896	.0906	.0887
10.				.0787	.0793	.0768	.0807	.0822	.0817	.0814	.0795	.0807	.0803	.0790
20.			.0743	.0766	.0744	.0756	.0783	.0800	.0809	.0778	.0780	.0769	.0788	.0778
35.	.0799	.0848	.0735	.0763	.0732	.0768	.0781	.0776	.0790	.0781	.0781	.0793	.0780	.0784
50.				.0764	.0762		.0787	.0794	.0780	.0776	.0784	.0789	.0809	.0784
65.		.0820	.0735	.0785	.0796	.0795	.0798	.0808	.0828	.0786	.0799	.0799	.0817	.0800
90.	.0787	.0706	.0654	.0705	.0699	.0684	.0705	.0716	.0737		.0725	.0721	.0704	.0725
115.		.0691	.0596	.0638	.0632	.0625	.0670	.0666	.0720	.0673	.0687	.0673	.0724	.0646
130.				.0752	.0759		.0735	.0748	.0792	.0779	.0770	.0802	.0758	.0765
145.	.1065	.1139	.1090	.0979	.1010	.1032	.1042	.1050	.1047	.1045	.1064	.1098	.1094	.1058
160.			.1785	.1782	.1808	.1823	.1806	.1842	.1855	.1864	.1852	.1863	.1844	.1852
170.				.3211	.3188	.3216	.3233	.3219	.3157	.3109	.3127	.3096	.3065	.3050
180.		.4853	.4708	.4728	.4694	.4787	.4745	.4787	.4806	.4806	.4774	.4732	.4745	.4748
190.				.4355	.4356	.4435	.4408	.4363	.4333	.4352	.4319	.4360	.4339	.4308
200.			.3289	.3248	.3303	.3351	.3328	.3306	.3362	.3334	.3339	.3291	.3359	.3348
215.	.2443	.2572	.2472	.2442	.2391	.2489	.2444	.2466	.2477	.2484	.2493	.2504	.2508	.2464
230.				.2074	.1999		.2005	.2016	.2063	.2043	.2014	.2031	.2042	.2015
245.		.1875	.1714	.1808	.1784	.1773	.1800	.1839	.1819	.1813	.1804	.1793	.1801	.1837
270.	.1792	.1691	.1596	.1700	.1676	.1675	.1696	.1709	.1721		.1686	.1674	.1652	.1692
295.		.1614	.1520	.1640	.1669	.1624	.1667	.1659	.1649	.1621	.1618	.1624	.1600	.1603
310.				.1521	.1540		.1534	.1536	.1523	.1512	.1497	.1502	.1508	.1496
325.	.1377	.1405	.1345	.1413	.1381	.1402	.1393	.1397	.1391	.1397	.1391	.1396	.1374	.1378
340.			.1183	.1219	.1248	.1247	.1231	.1237	.1262	.1239	.1252	.1220	.1238	.1255
350.				.1045	.1081	.1048	.1125	.1105	.1077	.1089	.1087	.1087	.1092	.1066
						FOR ALPHA = 15.50 DEG								
0.		.0575	.0475	.0456	.0455	.0499	.0487	.0503	.0496	.0504	.0507	.0495	.0500	.0495
10.				.0489	.0478	.0490	.0540	.0538	.0515	.0522	.0513	.0518	.0516	.0520
20.			.0467	.0492	.0469	.0487	.0516	.0523	.0507	.0506	.0506	.0507	.0507	.0519
35.	.0475	.0524	.0449	.0480	.0483	.0483	.0486	.0487	.0498	.0492	.0485	.0496	.0490	.0501
50.				.0479	.0496		.0501	.0498	.0494	.0482	.0481	.0497	.0495	.0502
65.		.0496	.0454	.0493	.0532	.0514	.0529	.0542	.0576	.0525	.0533	.0527	.0540	.0537
90.	.0537	.0439	.0352	.0425	.0397	.0413	.0436	.0458	.0485		.0496	.0470	.0451	.0456
115.		.0562	.0428	.0447	.0435	.0436	.0479	.0497	.0552	.0495	.0493	.0459	.0484	.0451
130.				.0707	.0691		.0676	.0687	.0744	.0699	.0721	.0712	.0697	.0674
145.	.1189	.1370	.1281	.1205	.1215	.1239	.1236	.1223	.1281	.1255	.1241	.1289	.1257	.1221
160.			.2337	.2311	.2371	.2364	.2392	.2374	.2450	.2445	.2468	.2462	.2412	.2408
170.				.4228	.4290	.4298	.4261	.4243	.4206	.4150	.4129	.4097	.4121	.4065
180.		.6314	.6096	.6135	.6188	.6229	.6223	.6273	.6260	.6265	.6351	.6279	.6299	.6209
190.				.5469	.5590	.5578	.5597	.5511	.5510	.5453	.5502	.5498	.5471	.5495
200.			.4051	.3921	.3976	.4054	.4039	.4005	.4100	.4035	.4060	.4040	.4035	.4055
215.	.2758	.2926	.2825	.2711	.2687	.2798	.2806	.2781	.2784	.2767	.2799	.2790	.2814	.2751
230.				.2130	.2124		.2163	.2123	.2140	.2141	.2120	.2134	.2135	.2107
245.		.1901	.1857	.1767	.1738	.1774	.1823	.1794	.1805	.1771	.1775	.1735	.1757	.1748
270.	.1629	.1511	.1439	.1490	.1472	.1494	.1523	.1528	.1565		.1526	.1490	.1477	.1522
295.		.1336	.1316	.1356	.1363	.1353	.1375	.1371	.1400	.1343	.1359	.1352	.1345	.1335
310.				.1198	.1167		.1160	.1161	.1177	.1163	.1163	.1154	.1140	.1150
325.	.0934	.0965	.0893	.0958	.0941	.0941	.0946	.0958	.0958	.0951	.0977	.0969	.0940	.0937
340.			.0639	.0704	.0712	.0696	.0686	.0695	.0698	.0713	.0714	.0725	.0717	.0712
350.				.0496	.0518	.0487	.0551	.0548	.0518	.0518	.0540	.0542	.0532	.0538
						FOR ALPHA = 20.50 DEG								
0.		.0266	.0147	.0154	.0119	.0205	.0246	.0246	.0245	.0248	.0290	.0278	.0281	.0280
10.				.0169	.0178	.0240	.0307	.0293	.0284	.0293	.0314	.0319	.0306	.0315
20.			.0146	.0159	.0156	.0179	.0219	.0231	.0243	.0255	.0278	.0263	.0266	.0273
35.	.0090	.0167	.0080	.0101	.0074	.0067	.0087	.0086	.0114	.0127	.0157	.0152	.0157	.0166
50.				.0085	.0071		.0077	.0053	.0081	.0079	.0107	.0094	.0097	.0111
65.		.0117	.0073	.0137	.0122	.0125	.0165	.0154	.0199	.0147	.0181	.0149	.0167	.0162
90.	.0310	.0181	.0073	.0140	.0106	.0120	.0137	.0149	.0158		.0184	.0175	.0180	.0197
115.		.0547	.0318	.0391	.0368	.0375	.0384	.0391	.0428	.0395	.0448	.0409	.0425	.0408
130.				.0827	.0805		.0786	.0787	.0828	.0824	.0831	.0858	.0845	.0809
145.	.1363	.1639	.1583	.1484	.1505	.1532	.1543	.1496	.1541	.1556	.1570	.1583	.1603	.1566
160.			.2896	.2920	.2992	.2995	.2977	.2978	.3069	.3071	.3123	.3075	.3087	.3042
170.				.5372	.5391	.5424	.5356	.5271	.5279	.5225	.5208	.5187	.5172	.5126
180.		.7845	.7735	.7756	.7700	.7711	.7745	.7800	.7806	.7805	.7875	.7780	.7820	.7823
190.				.6724	.6774	.6773	.6832	.6777	.6715	.6702	.6617	.6710	.6637	.6723
200.			.4709	.4700	.4734	.4763	.4728	.4761	.4845	.4784	.4819	.4750	.4795	.4772
215.	.3093	.3323	.3237	.3102	.3089	.3174	.3129	.3104	.3170	.3155	.3178	.3170	.3169	.3123
230.				.2243	.2302		.2232	.2251	.2285	.2289	.2307	.2282	.2279	.2232
245.		.1948	.1864	.1757	.1744	.1739	.1776	.1824	.1814	.1805	.1778	.1747	.1777	.1761
270.	.1486	.1311	.1300	.1305	.1284	.1291	.1334	.1336	.1381		.1351	.1344	.1323	.1380
295.		.1003	.0974	.1048	.1040	.1058	.1095	.1068	.1103	.1080	.1113	.1060	.1072	.1095
310.				.0749	.0734		.0757	.0752	.0758	.0764	.0805	.0787	.0775	.0778
325.	.0434	.0421	.0429	.0491	.0441	.0434	.0453	.0444	.0477	.0453	.0488	.0494	.0485	.0485
340.			.0102	.0124	.0142	.0095	.0104	.0106	.0114	.0143	.0149	.0192	.0202	.0188
350.				.0064	.0019	-.0009	.0059	.0062	.0057	.0056	.0100	.0086	.0100	.0103

TABLE II. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.50 DEG								
0.	.0886	.0880	.0866	.0887	.0855	.0848	.0866	.0868	.0854	.0835	.0847	.0852	.0821	0.
10.		.0772	.0762	.0746	.0755	.0751	.0760	.0782	.0753	.0747	.0742	.0761	.0721	10.
20.	.0761	.0751	.0778	.0769	.0750	.0728	.0742	.0748	.0743	.0735	.0726	.0738	.0718	20.
35.	.0747	.0788	.0763	.0773		.0764	.0768	.0754	.0745	.0726	.0713	.0723	.0666	35.
50.	.0778	.0790	.0786	.0780	.0778	.0780	.0787	.0777	.0760	.0741	.0728	.0732	.0718	50.
65.	.0800	.0808	.0794	.0807	.0792	.0815	.0817	.0796		.0765	.0760	.0759	.0760	65.
90.	.0702	.0724	.0713	.0710	.0686	.0705	.0705	.0698	.0675	.0682	.0681	.0684	.0658	90.
115.	.0659	.0667	.0650	.0658	.0645	.0662	.0674	.0661		.0618	.0595	.0636	.0626	115.
130.	.0753	.0787	.0747	.0773	.0754	.0772	.0745	.0776	.0755	.0739	.0732	.0715	.0694	130.
145.	.1059	.1110	.1078	.1085		.1103	.1072	.1089	.1068	.1046	.1063	.1027	.0991	145.
160.	.1895	.1853	.1890	.1913	.1880	.1879	.1901	.1882	.1867	.1887	.1910	.1904	.1857	160.
170.		.3057	.3017	.3021	.3057	.3014	.3071	.3072	.3078	.3059	.3042	.3042	.3013	170.
180.	.4730	.4793	.4787	.4818	.4779	.4714	.4743	.4709	.4716	.4745	.4761	.4727	.4672	180.
190.		.4382	.4276	.4334	.4380	.4361	.4328	.4343	.4332	.4297	.4264	.4329	.4259	190.
200.	.3385	.3341	.3426	.3394	.3403	.3372	.3425	.3368	.3393	.3378	.3393	.3394	.3317	200.
215.	.2478	.2557	.2511	.2496		.2516	.2486	.2490	.2500	.2498	.2480	.2459	.2385	215.
230.	.2070	.2070	.2069	.2070	.2052	.2042	.2071	.2038	.2076	.2043	.2037	.2031	.1987	230.
245.	.1848	.1826	.1839	.1816	.1820	.1838	.1862	.1790		.1768	.1762	.1799	.1787	245.
270.	.1685	.1716	.1700	.1695	.1695	.1678	.1701	.1683	.1658	.1664	.1678	.1646	.1663	270.
295.	.1639	.1645	.1625	.1630	.1638	.1645	.1652	.1611		.1609	.1603	.1603	.1602	295.
310.	.1547	.1527	.1524	.1540	.1502	.1519	.1514	.1481	.1489	.1503	.1497	.1469	.1462	310.
325.	.1383	.1419	.1378	.1371		.1392	.1391	.1374	.1373	.1365	.1354	.1353	.1286	325.
340.	.1219	.1239	.1248	.1228	.1218	.1225	.1228	.1209	.1203	.1211	.1197	.1202	.1191	340.
350.		.1096	.1086	.1073	.1052	.1062	.1058	.1083	.1047	.1064	.1045	.1040	.1033	350.
						FOR ALPHA = 15.50 DEG								
0.	.0494	.0469	.0466	.0479	.0467	.0449	.0473	.0478	.0473	.0451	.0453	.0443	.0430	0.
10.		.0509	.0511	.0512	.0503	.0487	.0499	.0495	.0496	.0479	.0489	.0482	.0487	10.
20.	.0488	.0491	.0519	.0515	.0507	.0493	.0490	.0487	.0481	.0464	.0471	.0484	.0491	20.
35.	.0456	.0493	.0468	.0482		.0487	.0489	.0485	.0474	.0452	.0455	.0448	.0428	35.
50.	.0479	.0500	.0469	.0482	.0468	.0469	.0485	.0482	.0483	.0481	.0478	.0488	.0471	50.
65.	.0513	.0517	.0503	.0509	.0494	.0505	.0516	.0505		.0526	.0527	.0528	.0511	65.
90.	.0437	.0464	.0454	.0454	.0444	.0431	.0421	.0429	.0412	.0421	.0452	.0461	.0441	90.
115.	.0474	.0484	.0464	.0460	.0474	.0469	.0482	.0468		.0441	.0448	.0501	.0470	115.
130.	.0715	.0710	.0685	.0714	.0688	.0709	.0717	.0732	.0707	.0691	.0682	.0712	.0696	130.
145.	.1260	.1298	.1271	.1280		.1299	.1292	.1298	.1248	.1265	.1252	.1242	.1217	145.
160.	.2459	.2442	.2505	.2525	.2467	.2467	.2477	.2485	.2470	.2441	.2466	.2525	.2447	160.
170.		.4045	.4021	.4012	.4041	.4076	.4030	.4061	.4054	.4088	.3988	.4040	.3956	170.
180.	.6258	.6259	.6241	.6365	.6245	.6196	.6216	.6211	.6160	.6172	.6200	.6161	.6074	180.
190.		.5513	.5431	.5428	.5505	.5465	.5456	.5532	.5432	.5437	.5397	.5402	.5321	190.
200.	.4126	.4088	.4121	.4087	.4075	.4105	.4106	.4091	.4067	.4096	.4052	.4095	.4046	200.
215.	.2808	.2860	.2805	.2843		.2895	.2812	.2802	.2795	.2819	.2791	.2779	.2696	215.
230.	.2173	.2189	.2145	.2163	.2160	.2173	.2129	.2147	.2124	.2135	.2111	.2082	.2054	230.
245.	.1815	.1794	.1777	.1773	.1778	.1796	.1800	.1783		.1787	.1716	.1742	.1728	245.
270.	.1532	.1547	.1523	.1530	.1514	.1520	.1513	.1511	.1498	.1502	.1481	.1487	.1467	270.
295.	.1400	.1371	.1334	.1343	.1355	.1361	.1372	.1350		.1324	.1318	.1337	.1325	295.
310.	.1163	.1181	.1155	.1160	.1156	.1147	.1130	.1133	.1118	.1129	.1133	.1134	.1117	310.
325.	.0926	.0952	.0919	.0939		.0930	.0941	.0954	.0937	.0920	.0908	.0905	.0883	325.
340.	.0693	.0681	.0683	.0704	.0702	.0689	.0710	.0698	.0695	.0690	.0674	.0668	.0651	340.
350.		.0520	.0515	.0515	.0507	.0498	.0509	.0507	.0506	.0488	.0496	.0483	.0458	350.
						FOR ALPHA = 20.50 DEG								
0.	.0271	.0234	.0227	.0233	.0222	.0226	.0229	.0237	.0229	.0217	.0219	.0218	.0214	0.
10.		.0284	.0269	.0276	.0271	.0286	.0289	.0294	.0293	.0290	.0274	.0268	.0260	10.
20.	.0232	.0231	.0220	.0227	.0234	.0244	.0242	.0247	.0243	.0234	.0222	.0229	.0224	20.
35.	.0123	.0134	.0093	.0127		.0152	.0147	.0159	.0145	.0130	.0115	.0115	.0106	35.
50.	.0095	.0080	.0065	.0105	.0098	.0118	.0101	.0107	.0105	.0102	.0087	.0098	.0089	50.
65.	.0147	.0127	.0114	.0120	.0133	.0154	.0156	.0157		.0151	.0134	.0168	.0163	65.
90.	.0146	.0150	.0152	.0153	.0155	.0161	.0181	.0171	.0152	.0153	.0158	.0156	.0154	90.
115.	.0386	.0386	.0376	.0382	.0368	.0404	.0441	.0405		.0411	.0388	.0413	.0412	115.
130.	.0824	.0814	.0807	.0803	.0801	.0822	.0829	.0849	.0863	.0853	.0832	.0831	.0817	130.
145.	.1555	.1613	.1593	.1575		.1657	.1621	.1643	.1642	.1632	.1638	.1619	.1562	145.
160.	.3116	.3096	.3141	.3130	.3112	.3143	.3139	.3124	.3159	.3149	.3206	.3253	.3188	160.
170.		.5188	.5072	.5047	.5050	.5078	.5111	.5162	.5125	.5205	.5122	.5191	.5077	170.
180.	.7838	.7857	.7800	.7877	.7793	.7799	.7771	.7723	.7730	.7721	.7731	.7691	.7664	180.
190.		.6718	.6612	.6656	.6669	.6666	.6711	.6727	.6646	.6668	.6543	.6632	.6523	190.
200.	.4889	.4828	.4917	.4869	.4855	.4863	.4853	.4875	.4880	.4882	.4853	.4882	.4833	200.
215.	.3132	.3258	.3178	.3249		.3260	.3217	.3210	.3177	.3185	.3171	.3158	.3077	215.
230.	.2333	.2314	.2303	.2303	.2304	.2322	.2321	.2303	.2298	.2265	.2252	.2263	.2217	230.
245.	.1829	.1823	.1804	.1789	.1769	.1828	.1822	.1792		.1756	.1735	.1756	.1740	245.
270.	.1367	.1383	.1375	.1365	.1363	.1366	.1369	.1341	.1326	.1335	.1325	.1315	.1318	270.
295.	.1088	.1078	.1067	.1076	.1066	.1076	.1062	.1047		.1050	.1061	.1037	.1046	295.
310.	.0763	.0774	.0758	.0750	.0768	.0774	.0742	.0735	.0749	.0767	.0736	.0753	.0735	310.
325.	.0417	.0437	.0409	.0429		.0438	.0456	.0462	.0451	.0468	.0445	.0423	.0400	325.
340.	.0129	.0122	.0134	.0139	.0138	.0150	.0158	.0167	.0149	.0143	.0121	.0132	.0125	340.
350.		.0034	.0049	.0051	.0020	.0037	.0039	.0029	.0027	.0013	.0007	.0013	-.0009	350.

TABLE II. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -4.50 DEG							
0.		.3388	.3229	.3282	.3242	.3264	.3271	.3293	.3268	.3296	.3286	.3229	.3230	.3220
10.				.2050	.2032	.2036	.1996	.1985	.1949	.1918	.1902	.1915	.1917	.1872
20.			.1138	.1157	.1163	.1151	.1161	.1163	.1171	.1169	.1185	.1151	.1180	.1161
35.	.0895	.0932	.0848	.0846	.0800	.0820	.0840	.0860	.0854	.0871	.0875	.0861	.0865	.0827
50.				.0789	.0755		.0766	.0793	.0818	.0789	.0802	.0803	.0797	.0771
65.		.0821	.0727	.0742	.0743	.0762	.0783	.0793	.0814	.0762	.0794	.0787	.0782	.0767
90.	.0751	.0711	.0610	.0628	.0636	.0641	.0672	.0684	.0689		.0669	.0655	.0651	.0664
115.		.0641	.0525	.0538	.0525	.0525	.0577	.0590	.0606	.0557	.0564	.0533	.0545	.0523
130.				.0545	.0531		.0571	.0586	.0587	.0564	.0549	.0537	.0587	.0542
145.	.0620	.0637	.0565	.0552	.0512	.0538	.0561	.0560	.0565	.0554	.0558	.0543	.0596	.0538
160.			.0581	.0561	.0559	.0558	.0563	.0565	.0561	.0545	.0559	.0555	.0627	.0574
170.				.0790	.0766	.0751	.0766	.0750	.0718	.0718	.0688	.0706	.0698	.0706
180.		.1421	.1331	.1332	.1271	.1318	.1339	.1356	.1364	.1373	.1362	.1357	.1318	.1350
190.														
200.														
215.														
230.														
245.														
270.	.2400	.2338	.2185	.2328	.2337	.2332	.2331	.2292	.2350		.2287	.2281	.2246	.2291
295.		.2492	.2435	.2420	.2456	.2434	.2452	.2444	.2464	.2428	.2421	.2379	.2375	.2415
310.				.2579	.2596		.2550	.2572	.2593	.2575	.2525	.2533	.2524	.2521
325.	.2750	.2826	.2777	.2825	.2749	.2792	.2762	.2773	.2776	.2837	.2776	.2757	.2761	.2746
340.			.3153	.3214	.3206	.3226	.3200	.3190	.3225	.3194	.3224	.3164	.3159	.3168
350.				.3559	.3556	.3593	.3625	.3576	.3578	.3595	.3581	.3585	.3538	.3534
							FOR ALPHA = -2.50 DEG							
0.		.2901	.2778	.2839	.2797	.2824	.2792	.2818	.2824	.2826	.2755	.2795	.2796	.2723
10.				.1705	.1772	.1742	.1708	.1698	.1675	.1650	.1628	.1604	.1602	.1583
20.			.1021	.1031	.1064	.1049	.1050	.1045	.1067	.1061	.1045	.1016	.1023	.1033
35.	.0878	.0916	.0784	.0829	.0830	.0840	.0840	.0818	.0849	.0848	.0835	.0829	.0817	.0826
50.				.0792	.0791		.0797	.0808	.0829	.0801	.0785	.0782	.0778	.0786
65.		.0850	.0736	.0764	.0788	.0780	.0796	.0796	.0842	.0802	.0798	.0766	.0773	.0776
90.	.0789	.0748	.0646	.0664	.0656	.0682	.0693	.0700	.0726		.0697	.0682	.0661	.0664
115.		.0661	.0542	.0556	.0527	.0581	.0616	.0597	.0635	.0571	.0601	.0578	.0554	.0544
130.				.0553	.0550		.0587	.0591	.0613	.0575	.0606	.0583	.0556	.0549
145.	.0638	.0648	.0526	.0575	.0559	.0542	.0572	.0570	.0586	.0577	.0615	.0589	.0570	.0564
160.			.0637	.0596	.0617	.0598	.0611	.0601	.0611	.0603	.0632	.0600	.0604	.0611
170.				.0962	.0949	.0919	.0931	.0910	.0887	.0876	.0893	.0878	.0843	.0842
180.		.1775	.1620	.1703	.1609	.1635	.1686	.1722	.1707	.1702	.1646	.1635	.1627	.1634
190.														
200.														
215.														
230.														
245.														
270.	.2417	.2349	.2253	.2368	.2386	.2348	.2341	.2339	.2373		.2406	.2304	.2270	.2307
295.		.2428	.2311	.2419	.2443	.2402	.2416	.2414	.2457	.2410	.2439	.2351	.2376	.2356
310.				.2528	.2516		.2498	.2507	.2521	.2507	.2462	.2473	.2476	.2448
325.	.2598	.2663	.2563	.2683	.2630	.2642	.2609	.2622	.2673	.2676	.2654	.2664	.2622	.2603
340.			.2890	.2958	.2945	.2958	.2912	.2931	.2960	.2947	.2943	.2906	.2931	.2937
350.				.3143	.3184	.3178	.3215	.3197	.3162	.3176	.3172	.3194	.3186	.3147
							FOR ALPHA = -1.50 DEG							
0.		.2710	.2571	.2634	.2597	.2623	.2602	.2608	.2612	.2614	.2608	.2534	.2592	.2559
10.				.1616	.1632	.1614	.1598	.1560	.1542	.1525	.1538	.1496	.1484	.1488
20.			.0982	.0981	.1000	.0994	.0977	.0984	.1033	.1031	.1004	.0983	.1011	.1013
35.	.0860	.0887	.0768	.0850	.0805	.0810	.0814	.0835	.0864	.0854	.0835	.0864	.0842	.0817
50.				.0797	.0795		.0810	.0824	.0829	.0804	.0796	.0796	.0811	.0812
65.		.0837	.0750	.0787	.0804	.0796	.0810	.0819	.0839	.0786	.0794	.0790	.0809	.0798
90.	.0786	.0742	.0655	.0689	.0654	.0683	.0706	.0721	.0736		.0696	.0695	.0684	.0691
115.		.0645	.0536	.0563	.0535	.0580	.0611	.0606	.0651	.0590	.0587	.0569	.0589	.0582
130.				.0558	.0566		.0586	.0600	.0624	.0586	.0574	.0578	.0599	.0591
145.	.0635	.0648	.0536	.0584	.0581	.0572	.0567	.0572	.0589	.0589	.0594	.0597	.0611	.0609
160.			.0651	.0617	.0644	.0634	.0629	.0620	.0648	.0632	.0648	.0624	.0629	.0641
170.				.1062	.1040	.1028	.1020	.1001	.0985	.0973	.0962	.0961	.0925	.0937
180.		.2008	.1879	.1947	.1900	.1938	.1896	.1907	.1891	.1943	.1935	.1882	.1885	.1835
190.				.2335	.2342	.2322	.2370	.2340	.2306	.2344	.2298	.2312	.2292	.2293
200.			.2229	.2321	.2286	.2288	.2262	.2252	.2281	.2282	.2274	.2239	.2265	.2256
215.	.2159	.2221	.2105	.2249	.2146	.2180	.2155	.2153	.2175	.2182	.2172	.2157	.2132	.2125
230.				.2167	.2177		.2134	.2149	.2147	.2106	.2082	.2075	.2131	.2077
245.		.2158	.2066	.2156	.2154	.2125	.2122	.2158	.2148	.2089	.2092	.2067	.2071	.2063
270.	.2344	.2264	.2157	.2243	.2284	.2231	.2240	.2254	.2291		.2230	.2205	.2178	.2200
295.		.2442	.2300	.2395	.2420	.2379	.2380	.2390	.2411	.2404	.2382	.2340	.2338	.2339
310.				.2495	.2478		.2433	.2448	.2489	.2469	.2455	.2436	.2414	.2410
325.	.2536	.2623	.2489	.2611	.2533	.2596	.2540	.2549	.2577	.2604	.2598	.2601	.2573	.2557
340.			.2751	.2829	.2823	.2841	.2815	.2809	.2811	.2814	.2803	.2794	.2825	.2800
350.				.2970	.2999	.2991	.3050	.3040	.3009	.2997	.3005	.2999	.3003	.2960

TABLE II. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.50 DEG								
0.	.3208	.3249	.3247	.3300	.3250	.3189	.3247	.3240	.3230	.3252	.3258	.3253	.3191	0.
10.		.1879	.1848	.1856	.1860	.1874	.1906	.1885	.1906	.1916	.1872	.1909	.1870	10.
20.	.1191	.1167	.1197	.1214	.1186	.1195	.1225	.1189	.1208	.1195	.1182	.1214	.1171	20.
35.	.0829	.0876	.0864	.0852		.0858	.0860	.0858	.0841	.0856	.0858	.0841	.0806	35.
50.	.0782	.0772	.0775	.0762	.0775	.0764	.0765	.0765	.0755	.0769	.0782	.0768	.0751	50.
65.	.0780	.0751	.0750	.0735	.0747	.0761	.0774	.0737		.0734	.0742	.0770	.0741	65.
90.	.0648	.0664	.0646	.0643	.0638	.0641	.0649	.0632	.0625	.0622	.0628	.0620	.0609	90.
115.	.0544	.0560	.0544	.0553	.0534	.0550	.0551	.0523		.0503	.0504	.0523	.0518	115.
130.	.0548	.0570	.0534	.0546	.0536	.0549	.0546	.0531	.0525	.0509	.0498	.0500	.0483	130.
145.	.0513	.0568	.0526	.0530		.0548	.0540	.0533	.0534	.0511	.0502	.0483	.0441	145.
160.	.0545	.0546	.0549	.0545	.0543	.0538	.0539	.0538	.0531	.0532	.0522	.0516	.0503	160.
170.		.0684	.0650	.0637	.0658	.0666	.0667	.0664	.0654	.0645	.0642	.0628	.0613	170.
180.	.1284	.1384	.1338	.1346	.1312	.1283	.1311	.1316	.1280	.1275	.1278	.1272	.1259	180.
190.														190.
200.														200.
215.														215.
230.														230.
245.														245.
270.	.2283	.2334	.2288	.2287	.2287	.2265	.2262	.2265	.2240	.2253	.2255	.2286	.2252	270.
295.	.2435	.2416	.2417	.2421	.2422	.2438	.2420	.2408		.2380	.2389	.2412	.2394	295.
310.	.2590	.2566	.2517	.2541	.2532	.2559	.2562	.2573	.2545	.2536	.2510	.2494	.2518	310.
325.	.2775	.2837	.2735	.2787		.2788	.2800	.2803	.2795	.2783	.2754	.2745	.2670	325.
340.	.3223	.3198	.3224	.3235	.3214	.3193	.3212	.3177	.3239	.3212	.3172	.3257	.3222	340.
350.		.3588	.3570	.3584	.3569	.3573	.3549	.3590	.3529	.3583	.3545	.3546	.3494	350.
						FOR ALPHA = -2.50 DEG								
0.	.2746	.2825	.2782	.2859	.2810	.2741	.2793	.2801	.2750	.2786	.2800	.2806	.2735	0.
10.		.1608	.1608	.1577	.1583	.1606	.1620	.1637	.1623	.1620	.1587	.1602	.1571	10.
20.	.1056	.1047	.1074	.1086	.1069	.1074	.1059	.1082	.1079	.1064	.1063	.1091	.1073	20.
35.	.0821	.0848	.0827	.0837		.0844	.0849	.0850	.0833	.0834	.0830	.0821	.0795	35.
50.	.0799	.0796	.0776	.0794	.0781	.0780	.0785	.0798	.0790	.0778	.0759	.0781	.0764	50.
65.	.0796	.0783	.0775	.0796	.0776	.0771	.0775	.0762		.0759	.0767	.0797	.0769	65.
90.	.0671	.0684	.0665	.0670	.0664	.0662	.0669	.0667	.0653	.0649	.0647	.0659	.0638	90.
115.	.0575	.0570	.0562	.0568	.0574	.0578	.0577	.0549		.0535	.0529	.0554	.0525	115.
130.	.0567	.0566	.0554	.0572	.0581	.0577	.0558	.0566	.0543	.0535	.0526	.0530	.0504	130.
145.	.0545	.0578	.0559	.0572		.0579	.0570	.0575	.0546	.0548	.0537	.0519	.0470	145.
160.	.0619	.0610	.0618	.0634	.0598	.0604	.0616	.0603	.0594	.0605	.0582	.0592	.0562	160.
170.		.0842	.0820	.0824	.0805	.0831	.0845	.0837	.0814	.0826	.0786	.0800	.0766	170.
180.	.1656	.1691	.1680	.1711	.1676	.1626	.1658	.1668	.1615	.1695	.1641	.1604	.1613	180.
190.														190.
200.														200.
215.														215.
230.														230.
245.														245.
270.	.2309	.2355	.2328	.2321	.2306	.2302	.2308	.2287	.2258	.2267	.2285	.2311	.2262	270.
295.	.2408	.2419	.2385	.2386	.2383	.2406	.2421	.2374		.2366	.2367	.2375	.2353	295.
310.	.2496	.2489	.2470	.2482	.2452	.2482	.2489	.2526	.2479	.2454	.2434	.2455	.2414	310.
325.	.2632	.2690	.2620	.2631		.2671	.2654	.2635	.2636	.2627	.2632	.2631	.2552	325.
340.	.2964	.2948	.2964	.2986	.2941	.2914	.2933	.2951	.2951	.2961	.2945	.2957	.2916	340.
350.		.3216	.3170	.3173	.3186	.3159	.3158	.3177	.3162	.3199	.3150	.3163	.3118	350.
						FOR ALPHA = -1.50 DEG								
0.	.2617	.2634	.2597	.2651	.2610	.2574	.2594	.2582	.2555	.2594	.2579	.2562	.2519	0.
10.		.1485	.1469	.1473	.1471	.1474	.1485	.1512	.1529	.1503	.1450	.1486	.1446	10.
20.	.1032	.0993	.1045	.1025	.1005	.0998	.1027	.1039	.1039	.1024	.1011	.1045	.1011	20.
35.	.0808	.0843	.0830	.0827		.0836	.0845	.0833	.0822	.0811	.0817	.0837	.0803	35.
50.	.0789	.0807	.0802	.0795	.0791	.0788	.0806	.0795	.0772	.0764	.0775	.0799	.0772	50.
65.	.0792	.0795	.0803	.0787	.0780	.0783	.0798	.0769		.0766	.0779	.0792	.0772	65.
90.	.0665	.0691	.0686	.0681	.0664	.0670	.0687	.0671	.0660	.0659	.0665	.0665	.0641	90.
115.	.0577	.0575	.0582	.0566	.0569	.0589	.0591	.0573		.0536	.0530	.0564	.0537	115.
130.	.0571	.0572	.0561	.0574	.0575	.0578	.0572	.0580	.0558	.0537	.0530	.0534	.0517	130.
145.	.0551	.0596	.0562	.0592		.0587	.0573	.0589	.0565	.0549	.0539	.0540	.0486	145.
160.	.0632	.0613	.0644	.0680	.0656	.0627	.0642	.0639	.0638	.0628	.0615	.0645	.0598	160.
170.		.0899	.0896	.0918	.0912	.0910	.0907	.0928	.0916	.0899	.0870	.0894	.0857	170.
180.	.1880	.1880	.1903	.1924	.1889	.1830	.1868	.1854	.1853	.1833	.1832	.1801	.1778	180.
190.		.2331	.2313	.2333	.2320	.2296	.2293	.2304	.2295	.2303	.2272	.2262	.2233	190.
200.	.2298	.2244	.2298	.2282	.2283	.2241	.2261	.2248	.2266	.2271	.2221	.2248	.2244	200.
215.	.2134	.2199	.2128	.2151		.2162	.2168	.2152	.2134	.2119	.2106	.2109	.2048	215.
230.	.2137	.2133	.2120	.2107	.2119	.2105	.2133	.2103	.2091	.2077	.2063	.2066	.2035	230.
245.	.2120	.2098	.2092	.2096	.2088	.2102	.2112	.2066		.2050	.2056	.2064	.2028	245.
270.	.2219	.2224	.2205	.2211	.2205	.2211	.2226	.2188	.2165	.2166	.2192	.2186	.2167	270.
295.	.2406	.2399	.2387	.2388	.2364	.2374	.2420	.2383		.2327	.2328	.2366	.2331	295.
310.	.2455	.2463	.2443	.2443	.2424	.2416	.2447	.2451	.2449	.2421	.2401	.2401	.2389	310.
325.	.2580	.2615	.2563	.2576		.2583	.2583	.2576	.2562	.2587	.2564	.2536	.2486	325.
340.	.2834	.2784	.2852	.2824	.2853	.2797	.2799	.2806	.2857	.2867	.2836	.2844	.2802	340.
350.		.3026	.3009	.2992	.3028	.2995	.2994	.2998	.2981	.2991	.2980	.3008	.2913	350.

TABLE II. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -.50 DEG							
0.		.2513	.2379	.2443	.2407	.2419	.2406	.2394	.2406	.2428	.2412	.2382	.2367	.2374
10.				.1495	.1466	.1469	.1446	.1444	.1421	.1392	.1361	.1375	.1353	.1364
20.			.0956	.0922	.0925	.0936	.0950	.0933	.0951	.0951	.0944	.0936	.0947	.0968
35.	.0844	.0870	.0762	.0829	.0779	.0820	.0819	.0815	.0812	.0828	.0817	.0837	.0829	.0804
50.				.0783	.0779		.0823	.0831	.0825	.0806	.0796	.0787	.0788	.0783
65.		.0854	.0745	.0778	.0790	.0793	.0834	.0834	.0846	.0812	.0797	.0763	.0767	.0772
90.	.0776	.0753	.0650	.0685	.0655	.0679	.0717	.0734	.0737		.0698	.0691	.0668	.0685
115.		.0639	.0526	.0573	.0551	.0570	.0602	.0615	.0653	.0599	.0593	.0578	.0584	.0588
130.				.0570	.0556		.0582	.0611	.0631	.0592	.0580	.0583	.0590	.0603
145.	.0626	.0645	.0526	.0599	.0579	.0580	.0575	.0587	.0602	.0596	.0593	.0594	.0615	.0628
160.			.0668	.0659	.0679	.0661	.0671	.0667	.0695	.0669	.0670	.0658	.0685	.0677
170.				.1172	.1140	.1135	.1130	.1102	.1093	.1071	.1037	.1033	.1040	.1013
180.		.2207	.2058	.2153	.2083	.2122	.2102	.2115	.2111	.2151	.2136	.2067	.2073	.2074
190.				.2513	.2500	.2480	.2546	.2539	.2494	.2502	.2472	.2471	.2480	.2481
200.			.2338	.2438	.2394	.2399	.2380	.2423	.2395	.2387	.2393	.2364	.2369	.2390
215.	.2205	.2259	.2139	.2303	.2180	.2229	.2227	.2249	.2239	.2231	.2221	.2230	.2218	.2186
230.				.2211	.2189		.2175	.2184	.2182	.2156	.2137	.2159	.2134	.2116
245.		.2177	.2052	.2115	.2167	.2120	.2146	.2164	.2140	.2116	.2123	.2105	.2087	.2059
270.	.2351	.2277	.2140	.2222	.2270	.2233	.2245	.2244	.2282		.2239	.2217	.2174	.2223
295.		.2418	.2327	.2363	.2388	.2363	.2357	.2377	.2395	.2384	.2376	.2363	.2336	.2340
310.				.2449	.2425		.2393	.2422	.2434	.2453	.2407	.2393	.2383	.2373
325.	.2480	.2534	.2426	.2565	.2475	.2519	.2485	.2506	.2498	.2534	.2497	.2516	.2481	.2499
340.			.2652	.2722	.2697	.2730	.2695	.2680	.2682	.2665	.2706	.2675	.2687	.2668
350.				.2791	.2804	.2768	.2851	.2832	.2790	.2821	.2813	.2814	.2815	.2783
							FOR ALPHA = .50 DEG							
0.		.2311	.2159	.2255	.2202	.2230	.2203	.2224	.2182	.2220	.2207	.2153	.2184	.2185
10.				.1380	.1362	.1370	.1329	.1330	.1284	.1288	.1293	.1286	.1266	.1281
20.			.0922	.0894	.0898	.0918	.0882	.0891	.0905	.0906	.0895	.0906	.0919	.0940
35.	.0851	.0856	.0764	.0828	.0796	.0803	.0788	.0794	.0814	.0834	.0815	.0889	.0828	.0814
50.				.0787	.0788		.0809	.0828	.0838	.0823	.0799	.0864	.0797	.0797
65.		.0847	.0746	.0785	.0779	.0790	.0831	.0839	.0861	.0810	.0801	.0815	.0786	.0795
90.	.0782	.0749	.0646	.0672	.0659	.0686	.0725	.0739	.0740		.0703	.0696	.0678	.0703
115.		.0631	.0510	.0555	.0562	.0579	.0607	.0610	.0636	.0598	.0613	.0586	.0580	.0590
130.				.0563	.0551		.0588	.0603	.0616	.0596	.0597	.0594	.0577	.0587
145.	.0627	.0647	.0525	.0604	.0557	.0580	.0597	.0590	.0592	.0616	.0610	.0612	.0594	.0605
160.			.0718	.0671	.0697	.0708	.0715	.0696	.0704	.0719	.0725	.0694	.0708	.0712
170.				.1280	.1248	.1275	.1242	.1207	.1190	.1206	.1184	.1160	.1147	.1117
180.		.2362	.2263	.2336	.2279	.2307	.2270	.2305	.2312	.2293	.2294	.2275	.2268	.2245
190.				.2675	.2679	.2693	.2743	.2686	.2680	.2674	.2605	.2685	.2658	.2648
200.			.2483	.2541	.2537	.2536	.2519	.2499	.2522	.2501	.2542	.2470	.2487	.2497
215.	.2273	.2342	.2239	.2351	.2274	.2323	.2292	.2298	.2341	.2342	.2310	.2290	.2277	.2266
230.				.2214	.2230		.2200	.2230	.2248	.2192	.2209	.2149	.2164	.2162
245.		.2211	.2063	.2127	.2212	.2157	.2185	.2164	.2187	.2148	.2140	.2102	.2133	.2122
270.	.2353	.2274	.2144	.2229	.2284	.2233	.2250	.2235	.2288		.2226	.2214	.2192	.2214
295.		.2386	.2290	.2372	.2394	.2335	.2346	.2334	.2383	.2359	.2341	.2319	.2330	.2316
310.				.2425	.2408		.2359	.2348	.2411	.2389	.2339	.2363	.2385	.2358
325.	.2411	.2474	.2345	.2485	.2414	.2453	.2400	.2411	.2441	.2456	.2431	.2423	.2437	.2431
340.			.2532	.2589	.2610	.2597	.2548	.2565	.2582	.2570	.2580	.2536	.2610	.2566
350.				.2633	.2651	.2606	.2666	.2635	.2628	.2631	.2625	.2646	.2638	.2615
							FOR ALPHA = 1.50 DEG							
0.		.2118	.1983	.2053	.2019	.2053	.2011	.2030	.2038	.2034	.2041	.2000	.1995	.1995
10.				.1274	.1247	.1232	.1237	.1222	.1206	.1182	.1176	.1177	.1163	.1169
20.			.0893	.0870	.0861	.0860	.0870	.0869	.0864	.0861	.0861	.0879	.0887	.0897
35.	.0858	.0862	.0753	.0823	.0779	.0784	.0791	.0807	.0801	.0793	.0812	.0837	.0821	.0803
50.				.0784	.0772		.0807	.0822	.0821	.0800	.0807	.0812	.0797	.0794
65.		.0868	.0764	.0778	.0752	.0803	.0823	.0837	.0852	.0799	.0810	.0794	.0784	.0772
90.	.0779	.0740	.0648	.0670	.0645	.0684	.0712	.0731	.0739		.0704	.0692	.0676	.0697
115.		.0607	.0513	.0549	.0558	.0567	.0602	.0593	.0629	.0593	.0597	.0578	.0585	.0579
130.				.0552	.0557		.0587	.0582	.0613	.0598	.0585	.0591	.0585	.0578
145.	.0619	.0634	.0531	.0585	.0560	.0588	.0590	.0584	.0602	.0607	.0604	.0620	.0623	.0594
160.			.0746	.0711	.0759	.0754	.0742	.0740	.0767	.0760	.0752	.0758	.0760	.0760
170.				.1400	.1393	.1375	.1356	.1352	.1341	.1289	.1278	.1284	.1247	.1255
180.		.2588	.2490	.2522	.2512	.2517	.2499	.2549	.2517	.2556	.2520	.2498	.2487	.2476
190.				.2838	.2883	.2855	.2917	.2858	.2865	.2897	.2843	.2839	.2856	.2851
200.			.2592	.2633	.2677	.2638	.2626	.2637	.2676	.2654	.2635	.2605	.2631	.2641
215.	.2350	.2423	.2282	.2388	.2339	.2366	.2344	.2371	.2391	.2401	.2383	.2348	.2360	.2342
230.				.2292	.2277		.2240	.2235	.2294	.2229	.2204	.2221	.2210	.2226
245.		.2211	.2081	.2195	.2206	.2169	.2188	.2163	.2188	.2153	.2147	.2137	.2123	.2137
270.	.2353	.2261	.2152	.2256	.2273	.2239	.2229	.2247	.2291		.2201	.2196	.2188	.2208
295.		.2362	.2250	.2353	.2379	.2319	.2341	.2308	.2330	.2324	.2309	.2285	.2312	.2300
310.				.2397	.2384		.2316	.2305	.2337	.2330	.2297	.2311	.2323	.2321
325.	.2343	.2397	.2297	.2438	.2336	.2385	.2338	.2331	.2376	.2372	.2356	.2354	.2363	.2354
340.			.2408	.2493	.2476	.2485	.2435	.2429	.2457	.2453	.2461	.2411	.2433	.2434
350.				.2474	.2492	.2437	.2498	.2478	.2467	.2469	.2462	.2457	.2497	.2435

TABLE II. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.50 DEG								
0.	.2367	.2407	.2383	.2429	.2374	.2362	.2397	.2393	.2358	.2369	.2364	.2354	.2314	0.
10.		.1382	.1354	.1338	.1364	.1381	.1377	.1389	.1395	.1379	.1344	.1363	.1329	10.
20.	.0963	.0968	.0986	.0968	.0992	.0956	.0974	.0944	.0967	.0953	.0964	.0992	.0943	20.
35.	.0794	.0842	.0811	.0821		.0836	.0827	.0808	.0814	.0827	.0809	.0798	.0762	35.
50.	.0794	.0805	.0795	.0795	.0782	.0797	.0801	.0788	.0801	.0779	.0774	.0766	.0757	50.
65.	.0791	.0799	.0797	.0784	.0775	.0792	.0801	.0777		.0776	.0775	.0785	.0775	65.
90.	.0679	.0698	.0686	.0683	.0668	.0674	.0691	.0673	.0653	.0659	.0675	.0667	.0659	90.
115.	.0578	.0572	.0596	.0578	.0559	.0575	.0605	.0571		.0536	.0538	.0567	.0540	115.
130.	.0567	.0577	.0577	.0576	.0569	.0566	.0587	.0588	.0568	.0543	.0540	.0545	.0518	130.
145.	.0546	.0590	.0584	.0584		.0597	.0595	.0598	.0575	.0567	.0557	.0554	.0498	145.
160.	.0663	.0637	.0686	.0712	.0694	.0677	.0692	.0681	.0684	.0667	.0649	.0702	.0648	160.
170.		.1006	.0999	.1023	.0999	.1026	.1029	.1043	.1025	.1009	.0978	.1008	.0975	170.
180.	.2028	.2084	.2091	.2105	.2082	.2048	.2078	.2045	.2034	.2025	.2015	.2014	.1983	180.
190.		.2502	.2499	.2483	.2491	.2471	.2514	.2464	.2472	.2490	.2452	.2449	.2425	190.
200.	.2391	.2351	.2404	.2385	.2376	.2368	.2411	.2368	.2375	.2383	.2352	.2395	.2359	200.
215.	.2191	.2250	.2197	.2234		.2236	.2235	.2220	.2215	.2216	.2222	.2182	.2117	215.
230.	.2164	.2157	.2120	.2154	.2134	.2144	.2163	.2127	.2129	.2126	.2123	.2105	.2056	230.
245.	.2120	.2110	.2124	.2105	.2092	.2110	.2128	.2092		.2078	.2073	.2091	.2065	245.
270.	.2221	.2239	.2207	.2208	.2197	.2216	.2199	.2190	.2168	.2172	.2200	.2179	.2180	270.
295.	.2358	.2378	.2346	.2372	.2357	.2386	.2382	.2356		.2324	.2328	.2336	.2353	295.
310.	.2435	.2450	.2387	.2399	.2406	.2400	.2425	.2408	.2407	.2392	.2400	.2371	.2354	310.
325.	.2511	.2569	.2495	.2500		.2520	.2514	.2495	.2522	.2515	.2490	.2469	.2398	325.
340.	.2728	.2694	.2734	.2747	.2707	.2687	.2699	.2668	.2696	.2707	.2687	.2691	.2677	340.
350.		.2851	.2802	.2812	.2843	.2826	.2826	.2810	.2756	.2835	.2790	.2811	.2723	350.
						FOR ALPHA = .50 DEG								
0.	.2193	.2187	.2206	.2241	.2204	.2158	.2198	.2165	.2162	.2184	.2185	.2142	.2114	0.
10.		.1272	.1246	.1259	.1289	.1245	.1289	.1281	.1289	.1261	.1256	.1219	.1204	10.
20.	.0927	.0918	.0946	.0957	.0943	.0912	.0930	.0921	.0944	.0912	.0923	.0929	.0893	20.
35.	.0789	.0836	.0809	.0828		.0824	.0818	.0817	.0824	.0801	.0807	.0795	.0758	35.
50.	.0780	.0805	.0790	.0803	.0785	.0791	.0805	.0800	.0792	.0775	.0769	.0776	.0771	50.
65.	.0785	.0803	.0798	.0791	.0774	.0796	.0810	.0793		.0776	.0776	.0797	.0788	65.
90.	.0678	.0702	.0681	.0687	.0666	.0675	.0683	.0675	.0662	.0664	.0677	.0666	.0657	90.
115.	.0583	.0580	.0564	.0585	.0582	.0578	.0599	.0565		.0546	.0535	.0555	.0541	115.
130.	.0578	.0574	.0564	.0575	.0577	.0578	.0587	.0578	.0573	.0551	.0540	.0532	.0529	130.
145.	.0583	.0604	.0588	.0582		.0610	.0602	.0592	.0583	.0585	.0565	.0539	.0519	145.
160.	.0717	.0700	.0727	.0716	.0733	.0733	.0735	.0706	.0748	.0722	.0689	.0706	.0718	160.
170.		.1115	.1075	.1081	.1129	.1144	.1120	.1104	.1140	.1127	.1077	.1093	.1065	170.
180.	.2290	.2297	.2281	.2291	.2301	.2238	.2252	.2270	.2242	.2226	.2245	.2223	.2176	180.
190.		.2683	.2655	.2679	.2688	.2669	.2673	.2654	.2622	.2637	.2621	.2639	.2579	190.
200.	.2490	.2507	.2519	.2519	.2539	.2490	.2509	.2516	.2531	.2527	.2462	.2498	.2479	200.
215.	.2261	.2366	.2243	.2296		.2302	.2316	.2309	.2270	.2299	.2254	.2248	.2189	215.
230.	.2208	.2202	.2149	.2211	.2169	.2203	.2187	.2190	.2169	.2155	.2148	.2173	.2128	230.
245.	.2162	.2140	.2127	.2143	.2116	.2165	.2123	.2105		.2085	.2105	.2131	.2071	245.
270.	.2217	.2226	.2220	.2218	.2201	.2205	.2216	.2218	.2181	.2183	.2182	.2204	.2180	270.
295.	.2363	.2340	.2361	.2346	.2332	.2345	.2386	.2354		.2298	.2281	.2349	.2329	295.
310.	.2405	.2391	.2374	.2380	.2363	.2354	.2355	.2382	.2373	.2350	.2341	.2344	.2318	310.
325.	.2432	.2494	.2427	.2446		.2435	.2419	.2453	.2455	.2422	.2428	.2415	.2348	325.
340.	.2589	.2557	.2582	.2610	.2594	.2539	.2573	.2556	.2583	.2592	.2543	.2580	.2531	340.
350.		.2644	.2631	.2655	.2659	.2634	.2639	.2634	.2611	.2654	.2601	.2605	.2553	350.
						FOR ALPHA = 1.50 DEG								
0.	.1991	.2009	.1999	.2053	.2015	.1987	.2002	.2014	.1984	.1980	.1976	.1966	.1917	0.
10.		.1164	.1151	.1149	.1162	.1176	.1186	.1179	.1179	.1142	.1144	.1150	.1103	10.
20.	.0918	.0878	.0906	.0913	.0888	.0885	.0901	.0875	.0869	.0875	.0876	.0888	.0844	20.
35.	.0801	.0829	.0805	.0808		.0813	.0814	.0800	.0798	.0807	.0806	.0778	.0738	35.
50.	.0785	.0806	.0786	.0794	.0805	.0789	.0804	.0795	.0780	.0780	.0786	.0775	.0742	50.
65.	.0787	.0801	.0789	.0786	.0793	.0792	.0811	.0779		.0775	.0779	.0789	.0773	65.
90.	.0679	.0706	.0678	.0677	.0662	.0677	.0680	.0668	.0663	.0659	.0671	.0663	.0652	90.
115.	.0571	.0579	.0577	.0568	.0566	.0581	.0579	.0564		.0532	.0523	.0558	.0546	115.
130.	.0560	.0586	.0561	.0568	.0566	.0581	.0576	.0581	.0576	.0535	.0525	.0534	.0517	130.
145.	.0571	.0619	.0577	.0600		.0609	.0596	.0615	.0606	.0576	.0571	.0560	.0518	145.
160.	.0754	.0760	.0764	.0769	.0774	.0767	.0774	.0766	.0777	.0755	.0754	.0789	.0739	160.
170.		.1250	.1192	.1224	.1231	.1251	.1246	.1255	.1262	.1234	.1229	.1237	.1192	170.
180.	.2485	.2532	.2484	.2541	.2480	.2449	.2471	.2478	.2455	.2456	.2468	.2431	.2404	180.
190.		.2883	.2824	.2891	.2837	.2860	.2837	.2875	.2817	.2839	.2826	.2820	.2797	190.
200.	.2643	.2627	.2626	.2655	.2623	.2622	.2636	.2641	.2641	.2655	.2572	.2646	.2616	200.
215.	.2354	.2396	.2360	.2383		.2384	.2361	.2389	.2335	.2342	.2347	.2341	.2276	215.
230.	.2265	.2240	.2236	.2242	.2210	.2224	.2204	.2219	.2197	.2189	.2193	.2184	.2163	230.
245.	.2188	.2151	.2176	.2162	.2147	.2140	.2184	.2137		.2111	.2101	.2154	.2101	245.
270.	.2204	.2244	.2216	.2227	.2209	.2192	.2225	.2205	.2173	.2182	.2169	.2186	.2176	270.
295.	.2341	.2317	.2329	.2327	.2317	.2321	.2350	.2339		.2274	.2273	.2306	.2287	295.
310.	.2373	.2340	.2313	.2321	.2329	.2339	.2318	.2312	.2320	.2314	.2299	.2318	.2270	310.
325.	.2370	.2406	.2386	.2388		.2351	.2356	.2360	.2384	.2362	.2350	.2338	.2285	325.
340.	.2484	.2452	.2480	.2466	.2460	.2423	.2463	.2465	.2467	.2467	.2429	.2465	.2439	340.
350.		.2463	.2484	.2471	.2507	.2469	.2446	.2464	.2455	.2480	.2431	.2420	.2391	350.

TABLE II. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 2.50 DEG							
0.		.1955	.1838	.1888	.1852	.1875	.1850	.1876	.1845	.1862	.1888	.1830	.1838	.1838
10.				.1167	.1156	.1146	.1148	.1127	.1099	.1112	.1111	.1087	.1066	.1077
20.			.0842	.0827	.0839	.0835	.0826	.0817	.0824	.0832	.0836	.0850	.0828	.0857
35.	.0831	.0844	.0733	.0786	.0754	.0769	.0776	.0779	.0785	.0793	.0793	.0819	.0800	.0809
50.				.0761	.0760		.0783	.0798	.0810	.0796	.0787	.0798	.0793	.0795
65.		.0856	.0761	.0759	.0741	.0764	.0802	.0798	.0834	.0792	.0800	.0783	.0783	.0781
90.	.0758	.0729	.0637	.0647	.0652	.0662	.0692	.0705	.0726		.0698	.0687	.0654	.0686
115.		.0599	.0494	.0530	.0555	.0553	.0590	.0580	.0610	.0567	.0603	.0579	.0547	.0554
130.				.0547	.0550		.0585	.0588	.0581	.0573	.0582	.0582	.0562	.0568
145.	.0615	.0647	.0545	.0570	.0535	.0579	.0610	.0600	.0577	.0591	.0622	.0628	.0607	.0607
160.			.0765	.0782	.0769	.0789	.0789	.0792	.0793	.0804	.0827	.0797	.0799	.0822
170.				.1537	.1504	.1511	.1485	.1485	.1451	.1453	.1412	.1400	.1373	.1375
180.		.2822	.2678	.2745	.2737	.2757	.2730	.2751	.2761	.2751	.2738	.2694	.2677	.2654
190.				.3009	.3062	.3063	.3078	.3076	.3074	.3085	.3050	.2991	.3053	.3028
200.			.2693	.2784	.2797	.2783	.2776	.2755	.2783	.2775	.2789	.2712	.2764	.2754
215.	.2448	.2487	.2384	.2487	.2428	.2436	.2419	.2427	.2466	.2459	.2423	.2426	.2431	.2410
230.				.2318	.2319		.2278	.2307	.2357	.2278	.2238	.2250	.2227	.2232
245.		.2236	.2122	.2200	.2219	.2221	.2210	.2214	.2246	.2163	.2158	.2139	.2147	.2132
270.	.2350	.2256	.2158	.2262	.2264	.2234	.2240	.2237	.2275		.2241	.2211	.2191	.2182
295.		.2329	.2230	.2302	.2368	.2300	.2311	.2291	.2283	.2281	.2287	.2266	.2284	.2278
310.				.2361	.2334		.2294	.2279	.2280	.2285	.2257	.2277	.2279	.2284
325.	.2287	.2324	.2248	.2377	.2268	.2312	.2268	.2267	.2313	.2302	.2283	.2308	.2296	.2297
340.			.2304	.2389	.2353	.2361	.2310	.2341	.2337	.2328	.2338	.2330	.2327	.2299
350.				.2303	.2337	.2284	.2311	.2330	.2278	.2324	.2284	.2321	.2307	.2299
							FOR ALPHA = 3.50 DEG							
0.		.1780	.1690	.1727	.1683	.1707	.1676	.1690	.1693	.1708	.1666	.1680	.1670	.1645
10.				.1074	.1065	.1056	.1048	.1023	.1035	.1036	.1011	.0996	.0994	.0979
20.			.0821	.0800	.0808	.0805	.0812	.0794	.0806	.0800	.0830	.0799	.0803	.0831
35.	.0829	.0841	.0725	.0783	.0737	.0751	.0777	.0760	.0775	.0785	.0780	.0786	.0788	.0785
50.				.0757	.0747		.0776	.0785	.0799	.0780	.0766	.0789	.0784	.0780
65.		.0861	.0734	.0758	.0741	.0753	.0794	.0795	.0823	.0778	.0800	.0772	.0780	.0776
90.	.0749	.0714	.0613	.0639	.0645	.0646	.0670	.0694	.0706		.0686	.0674	.0661	.0680
115.		.0588	.0493	.0511	.0539	.0537	.0572	.0576	.0594	.0571	.0582	.0560	.0571	.0560
130.				.0550	.0522		.0565	.0567	.0569	.0571	.0577	.0575	.0586	.0561
145.	.0618	.0647	.0569	.0585	.0533	.0592	.0600	.0587	.0585	.0612	.0621	.0629	.0614	.0600
160.			.0792	.0817	.0823	.0849	.0856	.0836	.0854	.0857	.0860	.0850	.0842	.0857
170.				.1641	.1657	.1662	.1637	.1616	.1581	.1580	.1534	.1557	.1526	.1483
180.		.3032	.2899	.2967	.2904	.2947	.2931	.2957	.2957	.2992	.2947	.2900	.2878	.2858
190.				.3246	.3238	.3239	.3262	.3260	.3263	.3265	.3202	.3196	.3190	.3205
200.			.2816	.2906	.2890	.2910	.2891	.2890	.2908	.2908	.2870	.2814	.2830	.2851
215.	.2512	.2565	.2468	.2568	.2472	.2521	.2507	.2518	.2536	.2520	.2473	.2468	.2454	.2449
230.				.2350	.2322		.2295	.2340	.2342	.2316	.2251	.2253	.2258	.2306
245.		.2263	.2169	.2231	.2216	.2238	.2205	.2235	.2233	.2195	.2169	.2136	.2146	.2142
270.	.2340	.2257	.2146	.2261	.2260	.2229	.2221	.2216	.2256		.2178	.2174	.2157	.2183
295.		.2303	.2193	.2270	.2329	.2266	.2244	.2248	.2275	.2257	.2253	.2215	.2236	.2240
310.				.2297	.2291		.2234	.2225	.2247	.2229	.2209	.2202	.2215	.2220
325.	.2230	.2272	.2142	.2289	.2196	.2238	.2212	.2192	.2216	.2226	.2223	.2215	.2199	.2195
340.			.2194	.2269	.2228	.2224	.2211	.2214	.2208	.2218	.2224	.2183	.2217	.2196
350.				.2151	.2147	.2094	.2185	.2164	.2116	.2130	.2148	.2127	.2132	.2114
							FOR ALPHA = 5.50 DEG							
0.		.1464	.1399	.1411	.1367	.1384	.1368	.1377	.1378	.1380	.1379	.1352	.1358	.1348
10.				.0926	.0889	.0892	.0889	.0875	.0867	.0856	.0868	.0874	.0861	.0859
20.			.0746	.0756	.0741	.0733	.0746	.0746	.0751	.0735	.0755	.0736	.0754	.0754
35.	.0791	.0821	.0709	.0725	.0704	.0728	.0741	.0736	.0750	.0753	.0749	.0754	.0742	.0735
50.				.0725	.0719		.0735	.0762	.0766	.0746	.0747	.0754	.0753	.0743
65.		.0813	.0696	.0724	.0702	.0717	.0751	.0767	.0788	.0760	.0768	.0743	.0744	.0747
90.	.0711	.0664	.0574	.0590	.0600	.0607	.0630	.0637	.0667		.0635	.0649	.0612	.0617
115.		.0538	.0447	.0474	.0495	.0503	.0526	.0528	.0572	.0539	.0518	.0559	.0499	.0482
130.				.0506	.0501		.0522	.0539	.0550	.0536	.0517	.0570	.0501	.0494
145.	.0630	.0647	.0570	.0567	.0546	.0590	.0593	.0603	.0606	.0595	.0583	.0603	.0585	.0591
160.			.0900	.0936	.0933	.0947	.0957	.0952	.0970	.0956	.0980	.0944	.0948	.0963
170.				.1942	.1954	.1965	.1932	.1906	.1860	.1876	.1866	.1830	.1814	.1778
180.		.3511	.3371	.3456	.3339	.3440	.3413	.3457	.3439	.3490	.3411	.3377	.3341	.3372
190.				.3647	.3646	.3678	.3722	.3715	.3645	.3660	.3550	.3637	.3580	.3638
200.			.3183	.3186	.3164	.3177	.3174	.3180	.3129	.3188	.3134	.3123	.3142	.3179
215.	.2632	.2716	.2668	.2673	.2605	.2648	.2637	.2647	.2661	.2668	.2659	.2665	.2620	.2608
230.				.2404	.2441		.2385	.2408	.2430	.2377	.2348	.2353	.2312	.2348
245.		.2297	.2174	.2262	.2284	.2258	.2256	.2243	.2254	.2209	.2281	.2190	.2181	.2181
270.	.2307	.2217	.2116	.2220	.2208	.2195	.2197	.2201	.2247		.2170	.2179	.2145	.2178
295.		.2221	.2100	.2210	.2215	.2199	.2212	.2198	.2213	.2198	.2158	.2154	.2173	.2182
310.				.2162	.2162		.2134	.2141	.2143	.2127	.2099	.2118	.2112	.2093
325.	.2082	.2111	.2000	.2116	.2046	.2094	.2036	.2040	.2069	.2079	.2061	.2063	.2049	.2027
340.			.1945	.2023	.2006	.1996	.1967	.1981	.1993	.1966	.1960	.1954	.1966	.1950
350.				.1817	.1837	.1786	.1860	.1845	.1818	.1815	.1797	.1817	.1789	.1806

TABLE II. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.	.1830	.1852	.1824	.1892	.1840	.1802	.1833	.1834	.1810	.1822	.1819	.1778	.1771	0.
10.		.1082	.1057	.1065	.1074	.1080	.1062	.1081	.1075	.1062	.1061	.1014	.1013	10.
20.	.0852	.0827	.0846	.0872	.0857	.0851	.0848	.0841	.0848	.0841	.0836	.0833	.0820	20.
35.	.0776	.0810	.0776	.0793		.0796	.0791	.0794	.0790	.0781	.0779	.0762	.0727	35.
50.	.0781	.0801	.0763	.0785	.0771	.0771	.0774	.0786	.0777	.0767	.0763	.0762	.0745	50.
65.	.0780	.0789	.0777	.0791	.0766	.0777	.0787	.0767		.0760	.0764	.0787	.0768	65.
90.	.0668	.0691	.0664	.0673	.0657	.0665	.0667	.0664	.0639	.0642	.0647	.0654	.0538	90.
115.	.0576	.0574	.0560	.0569	.0553	.0573	.0572	.0558		.0530	.0523	.0529	.0517	115.
130.	.0574	.0570	.0554	.0577	.0559	.0563	.0563	.0571	.0552	.0546	.0529	.0501	.0488	130.
145.	.0570	.0621	.0585	.0608		.0617	.0613	.0596	.0590	.0586	.0579	.0546	.0518	145.
160.	.0801	.0795	.0813	.0819	.0806	.0833	.0847	.0785	.0800	.0810	.0810	.0816	.0807	160.
170.		.1379	.1336	.1301	.1347	.1359	.1393	.1383	.1377	.1383	.1355	.1349	.1326	170.
180.	.2716	.2748	.2699	.2751	.2729	.2641	.2705	.2717	.2680	.2696	.2651	.2665	.2612	180.
190.		.3062	.3040	.3045	.3049	.3080	.3041	.3066	.3018	.3070	.2983	.3041	.2967	190.
200.	.2811	.2743	.2780	.2812	.2778	.2750	.2750	.2762	.2768	.2750	.2724	.2763	.2739	200.
215.	.2429	.2485	.2421	.2459		.2447	.2452	.2475	.2417	.2417	.2417	.2383	.2323	215.
230.	.2302	.2287	.2261	.2274	.2271	.2257	.2268	.2294	.2231	.2220	.2220	.2224	.2181	230.
245.	.2184	.2177	.2178	.2183	.2162	.2182	.2186	.2163		.2126	.2144	.2207	.2129	245.
270.	.2195	.2237	.2199	.2196	.2201	.2205	.2211	.2208	.2189	.2183	.2188	.2187	.2158	270.
295.	.2310	.2323	.2282	.2304	.2292	.2313	.2324	.2276		.2274	.2265	.2281	.2267	295.
310.	.2321	.2324	.2274	.2291	.2294	.2294	.2285	.2254	.2267	.2273	.2260	.2290	.2228	310.
325.	.2279	.2365	.2293	.2313		.2294	.2302	.2293	.2311	.2284	.2286	.2258	.2197	325.
340.	.2352	.2345	.2361	.2350	.2341	.2309	.2324	.2367	.2349	.2321	.2337	.2324	.2331	340.
350.		.2306	.2315	.2309	.2322	.2291	.2322	.2303	.2293	.2293	.2288	.2266	.2212	350.
						FOR ALPHA = 3.50 DEG								
0.	.1649	.1693	.1682	.1705	.1655	.1642	.1658	.1671	.1639	.1613	.1624	.1625	.1582	0.
10.		.0984	.0978	.0978	.0982	.1002	.0990	.1007	.0987	.0984	.0943	.0948	.0940	10.
20.	.0819	.0808	.0826	.0831	.0811	.0818	.0808	.0805	.0817	.0795	.0773	.0799	.0776	20.
35.	.0772	.0789	.0771	.0772		.0773	.0778	.0785	.0777	.0777	.0765	.0744	.0703	35.
50.	.0793	.0781	.0760	.0778	.0775	.0772	.0777	.0776	.0765	.0766	.0746	.0753	.0737	50.
65.	.0769	.0766	.0770	.0772	.0776	.0764	.0783	.0757		.0748	.0752	.0780	.0759	65.
90.	.0664	.0681	.0655	.0658	.0656	.0652	.0656	.0650	.0634	.0634	.0643	.0639	.0636	90.
115.	.0565	.0561	.0552	.0552	.0531	.0560	.0570	.0527		.0517	.0505	.0513	.0518	115.
130.	.0556	.0567	.0545	.0552	.0544	.0554	.0555	.0552	.0563	.0530	.0510	.0496	.0496	130.
145.	.0560	.0623	.0603	.0591		.0619	.0604	.0594	.0608	.0598	.0586	.0562	.0525	145.
160.	.0859	.0844	.0877	.0863	.0879	.0858	.0883	.0854	.0873	.0868	.0860	.0877	.0844	160.
170.		.1506	.1451	.1443	.1478	.1513	.1513	.1510	.1503	.1493	.1486	.1479	.1458	170.
180.	.2914	.2947	.2932	.2982	.2939	.2859	.2924	.2917	.2886	.2892	.2920	.2879	.2865	180.
190.		.3252	.3217	.3227	.3244	.3237	.3257	.3221	.3198	.3230	.3166	.3221	.3147	190.
200.	.2957	.2867	.2912	.2922	.2914	.2908	.2905	.2890	.2886	.2878	.2849	.2897	.2873	200.
215.	.2492	.2540	.2483	.2496		.2506	.2520	.2489	.2488	.2488	.2481	.2471	.2416	215.
230.	.2328	.2311	.2297	.2293	.2309	.2280	.2308	.2304	.2274	.2279	.2262	.2269	.2211	230.
245.	.2207	.2192	.2189	.2208	.2180	.2183	.2195	.2140		.2134	.2160	.2171	.2147	245.
270.	.2196	.2213	.2207	.2213	.2188	.2191	.2210	.2184	.2178	.2148	.2174	.2179	.2160	270.
295.	.2298	.2278	.2267	.2270	.2271	.2271	.2280	.2249		.2233	.2218	.2259	.2222	295.
310.	.2271	.2256	.2252	.2233	.2242	.2195	.2215	.2217	.2224	.2234	.2207	.2216	.2174	310.
325.	.2226	.2264	.2215	.2234		.2212	.2219	.2231	.2220	.2212	.2194	.2173	.2135	325.
340.	.2238	.2187	.2228	.2226	.2231	.2227	.2217	.2215	.2209	.2237	.2209	.2209	.2169	340.
350.		.2154	.2160	.2122	.2127	.2140	.2166	.2122	.2118	.2138	.2093	.2112	.2065	350.
						FOR ALPHA = 5.50 DEG								
0.	.1362	.1374	.1354	.1368	.1347	.1313	.1333	.1336	.1315	.1307	.1324	.1300	.1286	0.
10.		.0830	.0831	.0815	.0830	.0832	.0842	.0832	.0808	.0806	.0783	.0808	.0770	10.
20.	.0747	.0732	.0766	.0762	.0765	.0742	.0742	.0729	.0744	.0728	.0701	.0713	.0689	20.
35.	.0736	.0772	.0737	.0744		.0729	.0745	.0743	.0737	.0731	.0723	.0703	.0650	35.
50.	.0751	.0752	.0736	.0732	.0731	.0736	.0752	.0747	.0751	.0733	.0712	.0718	.0701	50.
65.	.0743	.0745	.0731	.0726	.0738	.0749	.0754	.0736		.0708	.0723	.0744	.0721	65.
90.	.0620	.0640	.0624	.0618	.0614	.0616	.0622	.0608	.0592	.0597	.0603	.0610	.0609	90.
115.	.0519	.0521	.0509	.0513	.0511	.0514	.0519	.0499		.0481	.0471	.0479	.0476	115.
130.	.0528	.0528	.0512	.0523	.0526	.0526	.0514	.0536	.0536	.0498	.0496	.0484	.0457	130.
145.	.0594	.0624	.0594	.0615		.0633	.0621	.0610	.0608	.0589	.0574	.0572	.0520	145.
160.	.1001	.0972	.0999	.1019	.1015	.0979	.1026	.1008	.0996	.0982	.0971	.0991	.0981	160.
170.		.1798	.1761	.1742	.1758	.1768	.1800	.1793	.1766	.1797	.1750	.1787	.1750	170.
180.	.3380	.3407	.3377	.3467	.3439	.3354	.3413	.3371	.3376	.3365	.3381	.3348	.3315	180.
190.		.3670	.3639	.3667	.3659	.3680	.3681	.3600	.3649	.3616	.3605	.3621	.3593	190.
200.	.3207	.3165	.3143	.3201	.3167	.3154	.3158	.3155	.3179	.3198	.3152	.3157	.3127	200.
215.	.2633	.2687	.2598	.2683		.2656	.2654	.2653	.2622	.2651	.2639	.2572	.2550	215.
230.	.2379	.2390	.2370	.2398	.2367	.2365	.2350	.2369	.2343	.2350	.2335	.2328	.2300	230.
245.	.2239	.2219	.2209	.2216	.2214	.2226	.2207	.2211		.2170	.2180	.2212	.2168	245.
270.	.2174	.2211	.2168	.2171	.2158	.2174	.2196	.2178	.2153	.2156	.2157	.2156	.2149	270.
295.	.2223	.2215	.2206	.2176	.2160	.2196	.2216	.2176		.2170	.2170	.2186	.2169	295.
310.	.2148	.2164	.2138	.2120	.2120	.2130	.2131	.2130	.2136	.2104	.2096	.2103	.2096	310.
325.	.2026	.2103	.2042	.2057		.2064	.2081	.2084	.2066	.2041	.2045	.2030	.1961	325.
340.	.1984	.1969	.1989	.2003	.2011	.1957	.1967	.1968	.1987	.1984	.1947	.1972	.1927	340.
350.		.1837	.1819	.1836	.1822	.1821	.1830	.1827	.1789	.1795	.1787	.1773	.1734	350.

TABLE II. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 10.50 DEG							
0.		.0860	.0781	.0773	.0745	.0765	.0774	.0768	.0772	.0758	.0780	.0749	.0742	.0730
10.				.0588	.0594	.0600	.0620	.0613	.0602	.0596	.0624	.0612	.0595	.0587
20.			.0585	.0559	.0611	.0587	.0620	.0610	.0608	.0606	.0627	.0600	.0612	.0600
35.	.0666	.0698	.0572	.0575	.0579	.0581	.0617	.0618	.0628	.0620	.0624	.0626	.0615	.0611
50.				.0574	.0571		.0596	.0605	.0628	.0596	.0622	.0612	.0607	.0609
65.		.0645	.0541	.0559	.0563	.0596	.0588	.0576	.0627	.0581	.0619	.0599	.0610	.0606
90.	.0547	.0480	.0396	.0435	.0420	.0447	.0459	.0463	.0483		.0476	.0461	.0454	.0467
115.		.0388	.0297	.0320	.0313	.0318	.0344	.0372	.0415	.0380	.0365	.0337	.0333	.0322
130.				.0381	.0353		.0372	.0385	.0429	.0428	.0387	.0378	.0395	.0382
145.	.0640	.0719	.0635	.0616	.0575	.0617	.0537	.0603	.0624	.0641	.0636	.0628	.0631	.0617
160.			.1278	.1306	.1330	.1360	.1363	.1334	.1406	.1414	.1411	.1364	.1385	.1406
170.				.2814	.2795	.2834	.2778	.2799	.2737	.2737	.2688	.2704	.2666	.2624
180.		.4808	.4694	.4674	.4662	.4708	.4711	.4763	.4724	.4774	.4778	.4704	.4752	.4666
190.				.4721	.4773	.4747	.4820	.4724	.4714	.4728	.4754	.4734	.4709	.4622
200.			.3840	.3818	.3835	.3881	.3765	.3807	.3819	.3803	.3824	.3769	.3802	.3817
215.	.2911	.3033	.2916	.2986	.2953	.3013	.2939	.2964	.2949	.2982	.2979	.2983	.2952	.2926
230.				.2581	.2528		.2476	.2513	.2520	.2528	.2433	.2491	.2483	.2481
245.		.2259	.2224	.2250	.2278	.2247	.2248	.2270	.2284	.2241	.2216	.2197	.2182	.2219
270.	.2178	.2080	.2000	.2089	.2086	.2070	.2073	.2102	.2133		.2067	.2059	.2022	.2086
295.		.1969	.1833	.1982	.2004	.1981	.1995	.1966	.2002	.1963	.1985	.1942	.1965	.1969
310.				.1836	.1842		.1834	.1818	.1826	.1820	.1825	.1814	.1822	.1802
325.	.1637	.1652	.1558	.1665	.1631	.1651	.1662	.1614	.1646	.1661	.1646	.1648	.1634	.1628
340.			.1328	.1388	.1398	.1395	.1388	.1390	.1405	.1389	.1401	.1368	.1392	.1380
350.				.1079	.1095	.1048	.1127	.1116	.1100	.1096	.1113	.1101	.1097	.1066
							FOR ALPHA = 15.50 DEG							
0.		.0435	.0347	.0323	.0319	.0334	.0328	.0334	.0333	.0338	.0363	.0345	.0330	.0325
10.				.0374	.0370	.0379	.0420	.0414	.0407	.0401	.0406	.0406	.0396	.0406
20.			.0372	.0387	.0384	.0397	.0445	.0436	.0433	.0409	.0427	.0415	.0422	.0425
35.	.0386	.0447	.0338	.0357	.0359	.0347	.0375	.0384	.0392	.0376	.0390	.0394	.0394	.0395
50.				.0324	.0342		.0335	.0325	.0334	.0330	.0351	.0353	.0366	.0350
65.		.0348	.0274	.0293	.0319	.0316	.0333	.0318	.0360	.0306	.0338	.0333	.0344	.0329
90.	.0274	.0174	.0106	.0161	.0128	.0143	.0158	.0170	.0206		.0234	.0191	.0183	.0214
115.		.0197	.0071	.0090	.0084	.0093	.0103	.0102	.0174	.0145	.0142	.0126	.0127	.0143
130.				.0306	.0299		.0285	.0278	.0330	.0328	.0345	.0330	.0316	.0310
145.	.0739	.0896	.0824	.0752	.0770	.0812	.0794	.0790	.0811	.0844	.0832	.0838	.0830	.0836
160.			.1847	.1798	.1879	.1904	.1896	.1896	.1989	.1994	.2000	.1952	.1972	.1958
170.				.3847	.3857	.3880	.3861	.3837	.3743	.3744	.3669	.3657	.3619	.3611
180.		.6256	.6073	.6167	.6152	.6189	.6152	.6232	.6238	.6236	.6283	.6216	.6187	.6186
190.				.5889	.6004	.5997	.5961	.5899	.5858	.5882	.5911	.5933	.5847	.5860
200.			.4597	.4473	.4591	.4623	.4544	.4595	.4617	.4601	.4607	.4512	.4570	.4594
215.	.3317	.3461	.3335	.3281	.3288	.3392	.3297	.3352	.3358	.3328	.3339	.3318	.3303	.3260
230.				.2675	.2669		.2623	.2643	.2702	.2677	.2623	.2674	.2641	.2625
245.		.2373	.2377	.2273	.2253	.2248	.2257	.2310	.2301	.2298	.2234	.2246	.2255	.2218
270.	.2051	.1915	.1854	.1923	.1905	.1899	.1915	.1968	.1991		.1936	.1932	.1904	.1949
295.		.1665	.1638	.1707	.1713	.1690	.1715	.1717	.1749	.1711	.1696	.1692	.1695	.1717
310.				.1502	.1474		.1468	.1478	.1457	.1459	.1450	.1465	.1456	.1439
325.	.1141	.1158	.1154	.1206	.1163	.1158	.1160	.1170	.1174	.1178	.1151	.1179	.1175	.1180
340.			.0699	.0829	.0789	.0762	.0751	.0769	.0775	.0772	.0730	.0787	.0802	.0783
350.				.0420	.0455	.0377	.0459	.0451	.0432	.0432	.0434	.0442	.0451	.0468
							FOR ALPHA = 20.50 DEG							
0.		.0163	.0027	.0036	.0020	.0064	.0103	.0111	.0117	.0112	.0101	.0123	.0117	.0126
10.				.0184	.0208	.0229	.0270	.0257	.0248	.0249	.0264	.0268	.0267	.0261
20.			.0061	.0073	.0075	.0108	.0165	.0194	.0206	.0210	.0235	.0230	.0238	.0235
35.	.0043	.0113	.0033	.0048	.0006	.0027	.0053	.0058	.0074	.0079	.0112	.0181	.0116	.0112
50.				-.0024	-.0074		-.0062	-.0060	-.0067	-.0076	-.0023	-.0015	-.0016	-.0016
65.		-.0057	-.0108	-.0076	-.0116	-.0097	-.0072	-.0074	-.0030	-.0082	-.0055	-.0028	-.0058	-.0065
90.	.0009	-.0136	-.0204	-.0178	-.0215	-.0195	-.0192	-.0171	-.0171		-.0154	-.0136	-.0152	-.0147
115.		.0151	-.0047	.0023	.0021	.0011	.0011	.0022	.0068	.0052	.0069	.0037	.0049	.0030
130.				.0427	.0388		.0365	.0399	.0443	.0450	.0447	.0466	.0448	.0425
145.	.0884	.1115	.1107	.1041	.1059	.1112	.1084	.1052	.1106	.1123	.1132	.1138	.1142	.1100
160.			.2533	.2431	.2480	.2485	.2451	.2478	.2553	.2599	.2638	.2567	.2582	.2593
170.				.4955	.4974	.4956	.4876	.4867	.4808	.4736	.4752	.4709	.4696	.4639
180.		.7783	.7621	.7736	.7681	.7696	.7714	.7747	.7753	.7818	.7827	.7777	.7762	.7715
190.				.7194	.7206	.7235	.7229	.7244	.7170	.7117	.7149	.7180	.7138	.7143
200.			.5366	.5353	.5340	.5382	.5348	.5370	.5366	.5402	.5374	.5320	.5363	.5389
215.	.3620	.3825	.3833	.3680	.3677	.3762	.3680	.3717	.3705	.3700	.3705	.3712	.3720	.3653
230.				.2800	.2845		.2780	.2838	.2850	.2809	.2789	.2816	.2753	.2803
245.		.2440	.2384	.2237	.2275	.2238	.2301	.2335	.2333	.2286	.2265	.2243	.2226	.2240
270.	.1920	.1738	.1744	.1727	.1720	.1738	.1774	.1794	.1850		.1786	.1791	.1763	.1799
295.		.1356	.1324	.1394	.1403	.1425	.1449	.1445	.1482	.1443	.1438	.1427	.1429	.1430
310.				.1064	.1056		.1066	.1080	.1073	.1076	.1066	.1075	.1078	.1056
325.	.0639	.0618	.0621	.0695	.0647	.0635	.0648	.0663	.0673	.0650	.0667	.0684	.0671	.0664
340.			.0110	.0136	.0138	.0095	.0079	.0106	.0114	.0124	.0166	.0173	.0181	.0174
350.				-.0108	-.0143	-.0205	-.0166	-.0153	-.0149	-.0157	-.0130	-.0139	-.0141	-.0132

TABLE II. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.50 DEG								
0.	.0737	.0736	.0705	.0732	.0708	.0695	.0707	.0716	.0692	.0699	.0693	.0680	.0645	0.
10.		.0554	.0538	.0556	.0539	.0564	.0549	.0546	.0548	.0562	.0546	.0551	.0505	10.
20.	.0601	.0571	.0578	.0585	.0568	.0569	.0565	.0575	.0580	.0570	.0554	.0559	.0541	20.
35.	.0603	.0620	.0591	.0603		.0591	.0593	.0599	.0574	.0574	.0551	.0536	.0508	35.
50.	.0616	.0607	.0596	.0593	.0611	.0591	.0586	.0589	.0571	.0567	.0547	.0547	.0537	50.
65.	.0601	.0601	.0585	.0587	.0609	.0608	.0608	.0590		.0558	.0553	.0578	.0550	65.
90.	.0466	.0470	.0455	.0457	.0460	.0454	.0459	.0444	.0438	.0428	.0431	.0428	.0421	90.
115.	.0350	.0334	.0351	.0330	.0353	.0350	.0359	.0329		.0310	.0302	.0331	.0324	115.
130.	.0409	.0400	.0394	.0401	.0395	.0386	.0391	.0394	.0392	.0380	.0352	.0370	.0357	130.
145.	.0641	.0673	.0648	.0646		.0673	.0661	.0664	.0648	.0634	.0594	.0608	.0581	145.
160.	.1424	.1390	.1439	.1435	.1419	.1443	.1426	.1414	.1424	.1391	.1385	.1421	.1390	160.
170.		.2643	.2610	.2600	.2626	.2654	.2592	.2640	.2640	.2607	.2593	.2631	.2594	170.
180.	.4641	.4728	.4731	.4800	.4682	.4677	.4687	.4650	.4689	.4669	.4692	.4669	.4564	180.
190.		.4714	.4674	.4705	.4712	.4638	.4702	.4690	.4666	.4699	.4646	.4630	.4598	190.
200.	.3868	.3830	.3894	.3906	.3854	.3840	.3881	.3844	.3866	.3872	.3829	.3875	.3801	200.
215.	.2943	.2998	.2982	.2978		.2977	.2987	.2966	.2983	.2933	.2974	.2927	.2880	215.
230.	.2503	.2523	.2502	.2536	.2490	.2483	.2512	.2539	.2517	.2491	.2481	.2454	.2484	230.
245.	.2228	.2253	.2256	.2251	.2227	.2242	.2280	.2228		.2187	.2209	.2218	.2236	245.
270.	.2069	.2124	.2095	.2095	.2058	.2074	.2088	.2087	.2045	.2043	.2047	.2068	.2056	270.
295.	.1999	.2000	.1987	.1988	.1992	.1979	.2007	.1984		.1957	.1940	.1970	.1953	295.
310.	.1851	.1837	.1840	.1858	.1837	.1833	.1797	.1813	.1807	.1842	.1778	.1804	.1791	310.
325.	.1651	.1665	.1631	.1646		.1637	.1635	.1640	.1635	.1649	.1625	.1607	.1534	325.
340.	.1386	.1396	.1385	.1381	.1382	.1404	.1365	.1371	.1366	.1356	.1346	.1370	.1342	340.
350.		.1094	.1102	.1083	.1072	.1077	.1084	.1085	.1051	.1075	.1052	.1059	.1013	350.
						FOR ALPHA = 15.50 DEG								
0.	.0313	.0296	.0290	.0306	.0275	.0282	.0291	.0307	.0291	.0268	.0271	.0256	.0257	0.
10.		.0369	.0366	.0377	.0380	.0381	.0381	.0394	.0378	.0377	.0366	.0360	.0349	10.
20.	.0396	.0393	.0410	.0410	.0396	.0396	.0402	.0395	.0386	.0386	.0378	.0400	.0394	20.
35.	.0359	.0390	.0365	.0375		.0373	.0369	.0368	.0358	.0351	.0349	.0356	.0319	35.
50.	.0347	.0351	.0331	.0336	.0331	.0326	.0323	.0318	.0307	.0323	.0325	.0334	.0310	50.
65.	.0324	.0327	.0315	.0319	.0307	.0315	.0319	.0311		.0299	.0298	.0316	.0310	65.
90.	.0172	.0194	.0186	.0175	.0170	.0164	.0167	.0161	.0145	.0150	.0160	.0170	.0163	90.
115.	.0113	.0118	.0109	.0105	.0095	.0103	.0128	.0101		.0086	.0087	.0122	.0129	115.
130.	.0292	.0298	.0291	.0297	.0300	.0297	.0285	.0314	.0307	.0267	.0285	.0284	.0306	130.
145.	.0801	.0859	.0832	.0846		.0880	.0854	.0860	.0861	.0832	.0834	.0830	.0820	145.
160.	.2014	.1965	.2000	.2032	.2003	.1984	.2015	.1959	.2009	.1987	.1994	.2020	.2010	160.
170.		.3616	.3536	.3568	.3584	.3593	.3601	.3634	.3610	.3589	.3553	.3617	.3536	170.
180.	.6186	.6216	.6195	.6259	.6164	.6143	.6169	.6084	.6111	.6149	.6175	.6102	.6054	180.
190.		.5917	.5796	.5853	.5899	.5849	.5946	.5883	.5852	.5863	.5764	.5829	.5749	190.
200.	.4680	.4630	.4655	.4608	.4650	.4602	.4660	.4626	.4598	.4613	.4554	.4589	.4533	200.
215.	.3324	.3394	.3334	.3371		.3392	.3333	.3358	.3342	.3323	.3340	.3308	.3245	215.
230.	.2683	.2649	.2652	.2687	.2660	.2644	.2660	.2647	.2677	.2608	.2643	.2628	.2562	230.
245.	.2278	.2244	.2242	.2239	.2236	.2258	.2275	.2229		.2208	.2181	.2243	.2216	245.
270.	.1940	.1974	.1967	.1964	.1929	.1914	.1930	.1915	.1896	.1888	.1899	.1903	.1902	270.
295.	.1713	.1729	.1716	.1717	.1715	.1716	.1756	.1706		.1694	.1693	.1680	.1680	295.
310.	.1456	.1475	.1468	.1447	.1443	.1451	.1443	.1442	.1425	.1425	.1424	.1432	.1438	310.
325.	.1142	.1169	.1149	.1171		.1166	.1192	.1169	.1148	.1140	.1148	.1140	.1088	325.
340.	.0747	.0755	.0775	.0790	.0781	.0769	.0785	.0783	.0772	.0755	.0730	.0749	.0749	340.
350.		.0435	.0449	.0434	.0408	.0413	.0422	.0415	.0396	.0380	.0385	.0387	.0356	350.
						FOR ALPHA = 20.50 DEG								
0.	.0123	.0085	.0086	.0094	.0082	.0082	.0094	.0101	.0091	.0075	.0078	.0079	.0068	0.
10.		.0225	.0226	.0220	.0214	.0213	.0219	.0229	.0222	.0222	.0211	.0213	.0193	10.
20.	.0200	.0199	.0202	.0191	.0192	.0193	.0206	.0210	.0208	.0202	.0190	.0195	.0183	20.
35.	.0073	.0098	.0066	.0062		.0092	.0113	.0107	.0091	.0084	.0073	.0066	.0044	35.
50.	-.0041	-.0021	-.0041	-.0048	-.0035	-.0009	-.0010	-.0019	-.0018	-.0020	-.0027	-.0030	-.0042	50.
65.	-.0089	-.0089	-.0105	-.0117	-.0101	-.0069	-.0060	-.0077		-.0076	-.0061	-.0067	-.0090	65.
90.	-.0206	-.0192	-.0189	-.0193	-.0185	-.0179	-.0163	-.0169	-.0182	-.0200	-.0185	-.0188	-.0188	90.
115.	-.0003	-.0003	.0001	-.0003	.0022	.0035	.0070	.0029		.0001	.0014	.0031	.0027	115.
130.	.0426	.0406	.0418	.0440	.0433	.0436	.0467	.0458	.0483	.0440	.0439	.0439	.0418	130.
145.	.1113	.1162	.1147	.1132		.1175	.1211	.1220	.1206	.1183	.1177	.1162	.1126	145.
160.	.2636	.2592	.2660	.2603	.2650	.2620	.2628	.2614	.2645	.2645	.2682	.2724	.2646	160.
170.		.4635	.4607	.4568	.4565	.4600	.4645	.4637	.4661	.4708	.4614	.4665	.4647	170.
180.	.7791	.7754	.7735	.7781	.7699	.7656	.7711	.7696	.7642	.7662	.7662	.7700	.7583	180.
190.		.7154	.7126	.7056	.7157	.7090	.7127	.7150	.7124	.7091	.7023	.7087	.6992	190.
200.	.5371	.5410	.5450	.5457	.5421	.5374	.5426	.5394	.5413	.5448	.5430	.5457	.5355	200.
215.	.3738	.3828	.3718	.3791		.3800	.3773	.3756	.3728	.3755	.3751	.3688	.3679	215.
230.	.2846	.2828	.2800	.2822	.2772	.2839	.2822	.2837	.2819	.2810	.2789	.2766	.2728	230.
245.	.2310	.2293	.2269	.2246	.2269	.2320	.2293	.2274		.2254	.2237	.2279	.2228	245.
270.	.1810	.1839	.1810	.1825	.1796	.1789	.1783	.1769	.1761	.1760	.1779	.1768	.1756	270.
295.	.1463	.1463	.1434	.1449	.1438	.1434	.1468	.1462		.1443	.1456	.1445	.1430	295.
310.	.1082	.1090	.1071	.1076	.1091	.1066	.1057	.1068	.1067	.1068	.1068	.1059	.1031	310.
325.	.0630	.0637	.0625	.0657		.0641	.0667	.0681	.0664	.0640	.0651	.0645	.0598	325.
340.	.0122	.0102	.0090	.0137	.0133	.0133	.0154	.0167	.0132	.0126	.0128	.0143	.0127	340.
350.		-.0196	-.0182	-.0168	-.0208	-.0228	-.0203	-.0207	-.0201	-.0202	-.0210	-.0208	-.0229	350.

TABLE II. - CONTINUED

(I) MACH = 3.95, BETA = -.01 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.35 DEG								
0.	.3464	.3462	.3155	.3237	.3336	.3435	.3426	.3470	.3481	.3528	.3527	.3465	.3478	.3457
10.				.2666	.2762	.2823	.2865	.2852	.2842	.2850	.2862	.2854	.2836	.2825
20.		.1996	.1901	.1905	.1958	.1998	.2018	.2038	.2059	.2051	.2080	.2068	.2070	.2070
35.	.1482	.1494	.1364	.1441	.1421	.1439	.1581	.1447	.1473	.1485	.1484	.1489	.1501	.1499
50.			.1110	.1223	.1217	.1430	.1211	.1219	.1231	.1230	.1228	.1233	.1226	.1216
65.				.1086	.1095	.1103	.1116	.1120	.1109	.1111	.1110	.1100	.1105	.1098
90.	.1107	.1122	.0960	.0983	.0985	.0994	.1014	.1021	.1021	.1421	.0986	.0983	.0971	.0975
115.				.0930	.0920	.0931	.0939	.0935	.0935	.0941	.0935	.0927	.0927	.0915
130.			.0895	.0920	.0918		.0888	.0879	.0929	.0949	.0933	.0927	.0922	.0908
145.	.1021	.1085	.0899	.0931	.0912	.0898	.1114	.0905	.0920	.0933	.0934	.0936	.0929	.0931
160.		.1050	.0955	.1031	.0951	.1009	.0993	.1008	.1012	.0997	.0989	.0980	.0987	.0987
170.				.1129	.1128	.1117	.1163	.1159	.1150	.1144	.1137	.1132	.1122	.1116
180.		.1333	.1198	.1240	.1218	.1272	.1269	.1284	.1278	.1289	.1285	.1254	.1252	.1238
						FOR ALPHA = -3.35 DEG								
0.	.3025	.3006	.2731	.2806	.2914	.2992	.3005	.3053	.3048	.3062	.3048	.3000	.3008	.2987
10.				.2340	.2425	.2482	.2539	.2541	.2525	.2509	.2502	.2502	.2490	.2478
20.		.1795	.1693	.1751	.1772	.1805	.1832	.1857	.1887	.1860	.1868	.1854	.1863	.1862
35.	.1396	.1409	.1291	.1333	.1348	.1368	.1509	.1379	.1399	.1408	.1409	.1408	.1410	.1404
50.			.1136	.1186	.1184	.1411	.1190	.1200	.1220	.1222	.1214	.1214	.1210	.1199
65.				.1057	.1080	.1108	.1119	.1135	.1130	.1132	.1123	.1115	.1119	.1112
90.	.1148	.1171	.0993	.1008	.1012	.1019	.1046	.1048	.1058	.1471	.1030	.1029	.1017	.1022
115.				.0991	.0985	.0982	.0961	.0960	.0989	.1009	.0999	.0979	.0980	.0971
130.			.0958	.0999	.0989		.0981	.0986	.1002	.1003	.0996	.0989	.0982	.0972
145.	.1109	.1145	.0993	.1054	.1002	.1036	.1215	.1012	.1023	.1023	.1020	.1024	.1019	.1024
160.		.1197	.1094	.1167	.1163	.1154	.1159	.1166	.1171	.1156	.1152	.1140	.1147	.1148
170.				.1372	.1372	.1378	.1416	.1405	.1394	.1385	.1384	.1381	.1373	.1365
180.		.1670	.1525	.1549	.1524	.1584	.1588	.1600	.1596	.1603	.1600	.1566	.1571	.1555
						FOR ALPHA = -2.35 DEG								
0.	.2829	.2803	.2537	.2621	.2702	.2790	.2803	.2819	.2821	.2836	.2816	.2766	.2773	.2753
10.				.2201	.2276	.2328	.2384	.2363	.2348	.2335	.2335	.2321	.2314	.2300
20.		.1707	.1592	.1672	.1684	.1728	.1744	.1758	.1777	.1755	.1764	.1744	.1753	.1753
35.	.1357	.1373	.1228	.1294	.1322	.1329	.1475	.1341	.1354	.1354	.1358	.1358	.1360	.1354
50.			.1108	.1165	.1168	.1391	.1179	.1189	.1203	.1198	.1192	.1190	.1187	.1178
65.				.1062	.1086	.1109	.1122	.1135	.1128	.1125	.1121	.1113	.1114	.1105
90.	.1169	.1187	.0996	.1018	.1027	.1020	.1042	.1052	.1068	.1491	.1049	.1049	.1034	.1032
115.				.1006	.0995	.0990	.0975	.0979	.1013	.1026	.1017	.1004	.1004	.0993
130.			.0983	.1021	.1013		.1016	.1013	.1029	.1032	.1023	.1016	.1014	.1000
145.	.1156	.1182	.1034	.1107	.1059	.1063	.1260	.1063	.1074	.1074	.1067	.1065	.1063	.1065
160.		.1281	.1164	.1235	.1233	.1238	.1249	.1254	.1258	.1242	.1239	.1223	.1228	.1227
170.				.1477	.1511	.1523	.1565	.1549	.1532	.1524	.1518	.1510	.1501	.1494
180.		.1851	.1640	.1711	.1692	.1762	.1763	.1776	.1771	.1785	.1774	.1734	.1738	.1726
						FOR ALPHA = -1.35 DEG								
0.	.2640	.2595	.2368	.2451	.2488	.2590	.2578	.2604	.2591	.2621	.2588	.2543	.2547	.2531
10.				.2066	.2120	.2175	.2215	.2196	.2177	.2180	.2165	.2156	.2136	.2131
20.		.1620	.1505	.1605	.1602	.1647	.1650	.1661	.1672	.1667	.1666	.1648	.1647	.1653
35.	.1321	.1339	.1183	.1256	.1302	.1295	.1444	.1298	.1309	.1313	.1309	.1316	.1314	.1311
50.			.1106	.1151	.1158	.1380	.1172	.1177	.1184	.1178	.1170	.1172	.1169	.1163
65.				.1071	.1068	.1111	.1126	.1136	.1125	.1120	.1118	.1110	.1113	.1106
90.	.1185	.1197	.1010	.1029	.1026	.1026	.1032	.1056	.1098	.1511	.1067	.1060	.1045	.1043
115.				.1012	.1005	.0996	.1002	.1050	.1050	.1042	.1040	.1025	.1026	.1016
130.			.1009	.1045	.1042		.1038	.1040	.1051	.1053	.1051	.1049	.1048	.1035
145.	.1197	.1218	.1073	.1147	.1103	.1106	.1297	.1110	.1123	.1122	.1115	.1110	.1110	.1110
160.		.1366	.1246	.1309	.1320	.1327	.1333	.1342	.1349	.1332	.1330	.1313	.1315	.1314
170.				.1611	.1654	.1674	.1709	.1701	.1681	.1667	.1664	.1652	.1640	.1632
180.		.2043	.1813	.1889	.1868	.1953	.1952	.1973	.1964	.1972	.1964	.1920	.1923	.1906
						FOR ALPHA = -.35 DEG								
0.	.2465	.2413	.2196	.2285	.2282	.2375	.2374	.2397	.2393	.2402	.2376	.2331	.2344	.2325
10.				.1943	.1967	.2009	.2052	.2042	.2025	.2019	.2002	.1989	.1979	.1968
20.		.1545	.1426	.1547	.1516	.1553	.1554	.1567	.1581	.1568	.1570	.1547	.1547	.1549
35.	.1285	.1308	.1157	.1231	.1263	.1249	.1398	.1256	.1269	.1271	.1261	.1264	.1265	.1264
50.			.1091	.1132	.1139	.1371	.1151	.1158	.1164	.1156	.1145	.1148	.1147	.1141
65.				.1081	.1057	.1117	.1124	.1123	.1119	.1117	.1113	.1102	.1103	.1094
90.	.1195	.1198	.1020	.1042	.1044	.1031	.1011	.1038	.1100	.1517	.1078	.1071	.1054	.1052
115.				.1032	.1021	.1025	.1060	.1047	.1052	.1062	.1055	.1043	.1046	.1038
130.			.1041	.1071	.1079		.1070	.1071	.1078	.1075	.1073	.1072	.1074	.1066
145.	.1244	.1262	.1109	.1177	.1181	.1164	.1342	.1155	.1166	.1167	.1163	.1158	.1155	.1158
160.		.1460	.1321	.1441	.1401	.1422	.1428	.1428	.1438	.1423	.1425	.1403	.1401	.1401
170.				.1778	.1790	.1821	.1866	.1849	.1827	.1818	.1811	.1798	.1783	.1775
180.		.2250	.1996	.2077	.2057	.2160	.2150	.2168	.2160	.2171	.2159	.2113	.2113	.2096
						FOR ALPHA = .65 DEG								
0.	.2299	.2234	.2039	.2097	.2076	.2180	.2171	.2189	.2179	.2193	.2170	.2131	.2143	.2143
10.				.1796	.1817	.1845	.1897	.1880	.1861	.1854	.1844	.1833	.1823	.1826
20.		.1470	.1342	.1477	.1439	.1455	.1467	.1469	.1482	.1466	.1469	.1450	.1449	.1455
35.	.1253	.1284	.1143	.1207	.1219	.1208	.1350	.1203	.1219	.1219	.1213	.1214	.1214	.1219
50.			.1070	.1110	.1120	.1346	.1119	.1123	.1136	.1135	.1132	.1128	.1126	.1117
65.				.1069	.1062	.1064	.1108	.1111	.1112	.1118	.1109	.1092	.1091	.1081
90.	.1196	.1205	.1020	.1044	.1043	.1027	.1032	.1064	.1110	.1511	.1078	.1071	.1055	.1054
115.				.1047	.1019	.1066	.1072	.1076	.1064	.1061	.1062	.1056	.1062	.1053
130.			.1070	.1104	.1109		.1101	.1104	.1112	.1100	.1099	.1098	.1103	.1093
145.	.1288	.1300	.1133	.1217	.1225	.1201	.1388	.1203	.1215	.1214	.1215	.1213	.1214	.1211
160.		.1548	.1406	.1507	.1484	.1518	.1517	.1521	.1534	.1519	.1526	.1498	.1498	.1496
170.				.1926	.1946	.1980	.2022	.2003	.1985	.1976	.1967	.1953	.1936	.1930
180.		.2456	.2192	.2272	.2269	.2361	.2352	.2372	.2365	.2379	.2364	.2315	.2317	.2297

TABLE II. - CONTINUED

(I) MACH = 3.95, BETA = -.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.35 DEG								
0.	.3478	.3463	.3448	.3486	.3447	.3398	.3436	.3462	.3444	.3443	.3453	.3442	.3418	0.
10.	.3036	.2808	.2782	.2762	.2757	.2755	.2770	.2792	.2793	.2820	.2794	.2807	.2776	10.
20.	.2064	.2043	.2057	.2057	.2042	.2019	.2025	.2018	.2032	.2054	.2056	.2073	.2056	20.
35.	.1470	.1498	.1472	.1467	.1755	.1466	.1466	.1457	.1444	.1448	.1447	.1438	.1405	35.
50.	.1223	.1228	.1212	.1216	.1218	.1208	.1207	.1205	.1200	.1188	.1183	.1159	.1120	50.
65.	.1105	.1101	.1089	.1081	.1079	.1091	.1097	.1078	.1479	.1069	.1062	.1066	.1049	65.
90.	.0976	.0989	.0980	.0976	.0969	.0970	.0972	.0965	.0957	.0948	.0954	.0955	.0955	90.
115.	.0917	.0917	.0914	.0910	.0905	.0913	.0920	.0905		.0884	.0877	.0878	.0859	115.
130.	.0908	.0910	.0894	.0894	.0900	.0885	.0886	.0883	.0879	.0862	.0861	.0846	.0819	130.
145.	.0904	.0923	.0905	.0901		.0890	.0894	.0890	.0884	.0870	.0869	.0870	.0839	145.
160.	.0990	.0971	.0976	.0985	.0978	.0962	.0967	.0961	.0961	.0950	.0947	.0957	.0952	160.
170.		.1109	.1097	.1095	.1094	.1093	.1100	.1104	.1090	.1078	.1073	.1081	.1058	170.
180.	.1237	.1236	.1221	.1244	.1227	.1204	.1208	.1217	.1201	.1183	.1188	.1185	.1180	180.
						FOR ALPHA = -3.35 DEG								
0.	.2990	.2969	.2953	.3016	.2995	.2970	.2997	.3011	.2977	.2978	.2993	.2983	.2957	0.
10.	.2705	.2443	.2417	.2410	.2421	.2434	.2455	.2473	.2452	.2471	.2447	.2461	.2430	10.
20.	.1857	.1828	.1838	.1837	.1829	.1816	.1830	.1834	.1841	.1853	.1840	.1857	.1841	20.
35.	.1380	.1406	.1386	.1375	.1673	.1370	.1369	.1367	.1361	.1369	.1360	.1350	.1311	35.
50.	.1197	.1193	.1176	.1177	.1184	.1175	.1176	.1175	.1173	.1167	.1156	.1133	.1091	50.
65.	.1113	.1106	.1101	.1093	.1088	.1093	.1095	.1073	.1473	.1067	.1059	.1064	.1043	65.
90.	.1018	.1026	.1014	.1008	.0997	.0997	.0999	.0992	.0985	.0978	.0985	.0985	.0982	90.
115.	.0971	.0971	.0966	.0965	.0953	.0958	.0963	.0949		.0928	.0921	.0924	.0908	115.
130.	.0971	.0974	.0957	.0961	.0962	.0951	.0954	.0952	.0950	.0933	.0923	.0906	.0875	130.
145.	.0996	.1015	.0996	.0995		.0985	.0990	.0985	.0982	.0973	.0965	.0960	.0928	145.
160.	.1147	.1126	.1131	.1136	.1131	.1114	.1116	.1111	.1114	.1105	.1098	.1109	.1105	160.
170.		.1348	.1330	.1323	.1326	.1323	.1330	.1333	.1321	.1313	.1305	.1314	.1291	170.
180.	.1555	.1547	.1528	.1555	.1537	.1500	.1509	.1518	.1499	.1479	.1488	.1483	.1476	180.
						FOR ALPHA = -2.35 DEG								
0.	.2749	.2746	.2739	.2805	.2784	.2757	.2771	.2781	.2753	.2762	.2766	.2769	.2753	0.
10.	.2537	.2268	.2251	.2256	.2265	.2281	.2292	.2300	.2279	.2304	.2276	.2301	.2275	10.
20.	.1748	.1720	.1731	.1735	.1729	.1724	.1734	.1732	.1733	.1745	.1731	.1754	.1746	20.
35.	.1332	.1354	.1333	.1324	.1624	.1322	.1326	.1327	.1318	.1324	.1310	.1305	.1267	35.
50.	.1183	.1181	.1160	.1157	.1160	.1150	.1153	.1154	.1151	.1148	.1135	.1118	.1073	50.
65.	.1113	.1106	.1096	.1090	.1084	.1087	.1090	.1069	.1474	.1062	.1054	.1059	.1035	65.
90.	.1031	.1041	.1026	.1017	.1009	.1006	.1011	.1003	.1001	.0989	.0999	.0998	.0991	90.
115.	.0999	.0997	.0995	.0988	.0976	.0982	.0989	.0970		.0954	.0951	.0955	.0936	115.
130.	.1005	.1008	.0995	.0996	.0999	.0989	.0990	.0987	.0978	.0963	.0957	.0939	.0907	130.
145.	.1041	.1062	.1047	.1043		.1039	.1043	.1040	.1031	.1021	.1015	.1011	.0975	145.
160.	.1226	.1205	.1217	.1224	.1212	.1198	.1200	.1191	.1194	.1189	.1181	.1195	.1191	160.
170.		.1479	.1465	.1455	.1452	.1453	.1458	.1461	.1445	.1439	.1427	.1442	.1418	170.
180.	.1726	.1720	.1704	.1729	.1704	.1671	.1674	.1682	.1661	.1646	.1653	.1651	.1643	180.
						FOR ALPHA = -1.35 DEG								
0.	.2536	.2544	.2544	.2593	.2580	.2542	.2557	.2565	.2549	.2538	.2554	.2553	.2540	0.
10.	.2382	.2114	.2102	.2108	.2121	.2126	.2137	.2139	.2129	.2133	.2124	.2138	.2120	10.
20.	.1638	.1621	.1632	.1649	.1642	.1638	.1643	.1634	.1640	.1639	.1636	.1654	.1651	20.
35.	.1277	.1303	.1281	.1279	.1588	.1285	.1290	.1290	.1281	.1282	.1270	.1258	.1223	35.
50.	.1159	.1166	.1146	.1146	.1146	.1134	.1135	.1138	.1133	.1130	.1117	.1092	.1052	50.
65.	.1102	.1104	.1092	.1088	.1076	.1084	.1086	.1069	.1462	.1063	.1051	.1055	.1028	65.
90.	.1035	.1046	.1032	.1028	.1016	.1021	.1022	.1015	.1006	.1001	.1006	.1006	.0997	90.
115.	.1020	.1016	.1013	.1006	.0998	.1004	.1005	.0985		.0972	.0965	.0973	.0953	115.
130.	.1034	.1041	.1025	.1027	.1033	.1019	.1018	.1014	.1007	.0991	.0982	.0964	.0934	130.
145.	.1088	.1112	.1092	.1089		.1087	.1090	.1088	.1080	.1067	.1063	.1056	.1022	145.
160.	.1311	.1289	.1299	.1306	.1298	.1286	.1284	.1279	.1281	.1268	.1268	.1280	.1274	160.
170.		.1615	.1602	.1592	.1589	.1588	.1592	.1598	.1582	.1570	.1566	.1575	.1549	170.
180.	.1905	.1901	.1886	.1919	.1889	.1850	.1858	.1865	.1838	.1822	.1830	.1821	.1812	180.
						FOR ALPHA = -.35 DEG								
0.	.2348	.2349	.2351	.2393	.2375	.2337	.2350	.2365	.2341	.2345	.2356	.2359	.2353	0.
10.	.2249	.1965	.1964	.1962	.1972	.1973	.1980	.1988	.1974	.1986	.1972	.1993	.1973	10.
20.	.1543	.1526	.1548	.1561	.1560	.1547	.1547	.1540	.1542	.1545	.1543	.1563	.1557	20.
35.	.1230	.1249	.1232	.1232	.1552	.1242	.1247	.1246	.1236	.1234	.1223	.1215	.1184	35.
50.	.1137	.1142	.1121	.1122	.1124	.1115	.1119	.1119	.1112	.1107	.1089	.1069	.1036	50.
65.	.1092	.1091	.1083	.1079	.1066	.1071	.1074	.1057	.1460	.1053	.1041	.1044	.1027	65.
90.	.1045	.1055	.1042	.1037	.1024	.1026	.1029	.1022	.1016	.1007	.1012	.1010	.1005	90.
115.	.1041	.1036	.1030	.1026	.1014	.1019	.1022	.1005		.0994	.0985	.0992	.0969	115.
130.	.1070	.1072	.1055	.1059	.1056	.1044	.1043	.1039	.1033	.1018	.1009	.0991	.0960	130.
145.	.1133	.1158	.1140	.1140		.1134	.1135	.1131	.1125	.1116	.1108	.1101	.1065	145.
160.	.1400	.1378	.1388	.1396	.1387	.1370	.1373	.1364	.1365	.1364	.1355	.1369	.1363	160.
170.		.1758	.1738	.1730	.1730	.1726	.1731	.1732	.1717	.1717	.1702	.1712	.1687	170.
180.	.2097	.2087	.2070	.2107	.2078	.2038	.2037	.2042	.2018	.2005	.2014	.2005	.1992	180.
						FOR ALPHA = .65 DEG								
0.	.2162	.2166	.2153	.2194	.2173	.2145	.2157	.2165	.2151	.2142	.2163	.2162	.2158	0.
10.	.2117	.1828	.1820	.1821	.1824	.1826	.1833	.1842	.1833	.1834	.1828	.1841	.1828	10.
20.	.1453	.1441	.1460	.1475	.1470	.1460	.1458	.1452	.1457	.1454	.1453	.1466	.1467	20.
35.	.1187	.1206	.1189	.1194	.1525	.1204	.1207	.1202	.1193	.1185	.1176	.1167	.1137	35.
50.	.1112	.1112	.1092	.1098	.1108	.1099	.1103	.1102	.1097	.1083	.1067	.1045	.1008	50.
65.	.1076	.1072	.1064	.1063	.1057	.1062	.1067	.1052	.1446	.1039	.1029	.1031	.1006	65.
90.	.1047	.1054	.1045	.1038	.1029	.1030	.1034	.1027	.1015	.1008	.1009	.1010	.1004	90.
115.	.1059	.1056	.1052	.1043	.1032	.1036	.1039	.1026		.1008	.0993	.1006	.0984	115.
130.	.1100	.1099	.1084	.1083	.1084	.1071	.1067	.1066	.1059	.1041	.1028	.1017	.0987	130.
145.	.1181	.1204	.1187	.1188		.1184	.1182	.1180	.1171	.1160	.1148	.1146	.1110	145.
160.	.1492	.1471	.1483	.1488	.1479	.1465	.1467	.1463	.1464	.1452	.1444	.1461	.1456	160.
170.		.1905	.1886	.1878	.1879	.1877	.1879	.1889	.1868	.1862	.1842	.1857	.1829	170.
180.	.2296	.2286	.2268	.2310	.2280	.2234	.2239	.2245	.2217	.2195	.2200	.2187	.2179	180.

TABLE II. - CONTINUED

(I) MACH = 3.95, BETA = -.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 1.65 DEG								
0.	.2139	.2049	.1856	.1916	.1895	.1987	.1983	.1989	.1986	.1998	.1980	.1941	.1964	.1968
10.				.1657	.1682	.1698	.1745	.1726	.1714	.1707	.1697	.1686	.1688	.1690
20.		.1391	.1268	.1393	.1365	.1369	.1381	.1383	.1392	.1376	.1374	.1357	.1366	.1368
35.	.1219	.1252	.1110	.1170	.1173	.1163	.1310	.1158	.1174	.1173	.1167	.1169	.1169	.1169
50.			.1043	.1084	.1093	.1318	.1091	.1095	.1113	.1115	.1109	.1107	.1104	.1090
65.				.1058	.1056	.1046	.1048	.1105	.1115	.1108	.1096	.1080	.1077	.1062
90.	.1191	.1210	.1017	.1044	.1040	.1036	.1048	.1073	.1106	.1504	.1071	.1065	.1049	.1046
115.				.1050	.1046	.1086	.1087	.1090	.1073	.1070	.1072	.1063	.1072	.1063
130.			.1091	.1141	.1131		.1129	.1128	.1134	.1126	.1123	.1123	.1125	.1116
145.	.1327	.1344	.1179	.1271	.1265	.1250	.1435	.1251	.1259	.1258	.1261	.1263	.1264	.1257
160.		.1643	.1515	.1592	.1574	.1614	.1613	.1616	.1629	.1615	.1618	.1594	.1599	.1594
170.				.2073	.2115	.2146	.2191	.2164	.2142	.2131	.2128	.2111	.2099	.2085
180.		.2675	.2405	.2468	.2499	.2578	.2568	.2584	.2579	.2590	.2580	.2529	.2528	.2505
						FOR ALPHA = 2.65 DEG								
0.	.1978	.1868	.1694	.1759	.1715	.1792	.1789	.1804	.1795	.1804	.1810	.1783	.1802	.1793
10.				.1547	.1550	.1551	.1596	.1584	.1563	.1561	.1562	.1562	.1559	.1558
20.		.1314	.1208	.1282	.1279	.1284	.1292	.1302	.1297	.1283	.1288	.1275	.1283	.1291
35.	.1189	.1222	.1081	.1141	.1118	.1125	.1271	.1115	.1123	.1126	.1124	.1126	.1122	.1126
50.			.1028	.1069	.1060	.1299	.1074	.1074	.1087	.1093	.1088	.1082	.1070	.1058
65.				.1056	.1048	.1043	.1031	.1036	.1072	.1090	.1084	.1067	.1058	.1047
90.	.1185	.1208	.1017	.1033	.1049	.1037	.1068	.1068	.1083	.1488	.1069	.1064	.1048	.1048
115.				.1046	.1061	.1084	.1098	.1102	.1091	.1086	.1085	.1074	.1081	.1075
130.			.1112	.1155	.1158		.1152	.1153	.1163	.1156	.1154	.1151	.1150	.1140
145.	.1376	.1390	.1249	.1332	.1305	.1311	.1483	.1304	.1307	.1309	.1316	.1315	.1315	.1310
160.		.1741	.1635	.1688	.1679	.1717	.1718	.1720	.1733	.1712	.1719	.1702	.1704	.1700
170.				.2238	.2289	.2329	.2366	.2338	.2306	.2296	.2296	.2283	.2269	.2252
180.		.2898	.2626	.2679	.2739	.2804	.2795	.2811	.2795	.2807	.2793	.2745	.2749	.2720
						FOR ALPHA = 4.65 DEG								
0.	.1664	.1524	.1390	.1442	.1392	.1439	.1436	.1462	.1459	.1485	.1492	.1467	.1473	.1466
10.				.1302	.1281	.1273	.1313	.1315	.1303	.1311	.1310	.1315	.1310	.1310
20.		.1164	.1070	.1126	.1124	.1118	.1118	.1128	.1129	.1120	.1122	.1119	.1130	.1138
35.	.1113	.1168	.0990	.1030	.1008	.1022	.1180	.1010	.1020	.1030	.1033	.1038	.1035	.1040
50.			.0975	.1009	.1008	.1248	.0991	.0963	.1011	.1031	.1021	.1016	.1010	.1000
65.				.1009	.1010	.1010	.1012	.1023	.1025	.1029	.1024	.1012	.1010	.1000
90.	.1153	.1179	.1008	.1028	.1019	.1032	.1059	.1057	.1072	.1466	.1039	.1033	.1022	.1024
115.				.1103	.1082	.1099	.1114	.1122	.1111	.1108	.1104	.1091	.1094	.1085
130.			.1126	.1219	.1217		.1195	.1202	.1213	.1207	.1201	.1197	.1191	.1178
145.	.1465	.1482	.1355	.1413	.1392	.1410	.1582	.1406	.1415	.1418	.1417	.1408	.1413	.1415
160.		.1950	.1864	.1860	.1901	.1926	.1936	.1941	.1948	.1920	.1938	.1913	.1917	.1919
170.				.2585	.2660	.2705	.2735	.2697	.2660	.2647	.2645	.2632	.2613	.2603
180.		.3354	.3063	.3121	.3200	.3285	.3273	.3284	.3264	.3284	.3243	.3187	.3192	.3162
						FOR ALPHA = 9.65 DEG								
0.	.1036	.0874	.0765	.0814	.0799	.0822	.0824	.0829	.0833	.0835	.0852	.0830	.0840	.0838
10.				.0789	.0782	.0760	.0808	.0802	.0794	.0795	.0799	.0800	.0803	.0802
20.		.0905	.0756	.0782	.0774	.0766	.0745	.0740	.0773	.0784	.0792	.0784	.0791	.0788
35.	.0834	.0898	.0781	.0784	.0781	.0784	.0962	.0781	.0788	.0808	.0818	.0813	.0801	.0802
50.			.0804	.0806	.0810	.1084	.0837	.0832	.0829	.0828	.0821	.0826	.0829	.0820
65.				.0868	.0863	.0898	.0872	.0878	.0881	.0884	.0873	.0864	.0864	.0860
90.	.1083	.1070	.0902	.0956	.0963	.0957	.0965	.0964	.0971	.1385	.0956	.0958	.0947	.0948
115.				.1136	.1116	.1116	.1119	.1138	.1128	.1128	.1126	.1104	.1107	.1106
130.			.1084	.1332	.1309		.1301	.1298	.1317	.1309	.1305	.1313	.1314	.1301
145.	.1719	.1755	.1611	.1679	.1658	.1680	.1828	.1682	.1686	.1689	.1700	.1700	.1703	.1690
160.		.2522	.2453	.2403	.2474	.2507	.2522	.2512	.2530	.2513	.2535	.2498	.2501	.2499
170.				.3596	.3661	.3700	.3725	.3683	.3636	.3616	.3566	.3547	.3523	.3509
180.		.4646	.4119	.4488	.4496	.4589	.4573	.4598	.4576	.4590	.4489	.4419	.4417	.4387
						FOR ALPHA = 14.65 DEG								
0.	.0699	.0561	.0419	.0426	.0404	.0404	.0395	.0378	.0400	.0433	.0477	.0455	.0457	.0450
10.				.0415	.0410	.0412	.0428	.0431	.0433	.0448	.0454	.0452	.0448	.0445
20.		.0550	.0441	.0432	.0460	.0452	.0467	.0464	.0461	.0470	.0474	.0471	.0475	.0473
35.	.0574	.0589	.0490	.0509	.0518	.0535	.0743	.0548	.0516	.0537	.0519	.0524	.0523	.0528
50.			.0623	.0647	.0625	.0879	.0616	.0604	.0613	.0607	.0593	.0594	.0595	.0591
65.				.0715	.0698	.0728	.0728	.0715	.0703	.0703	.0689	.0685	.0685	.0685
90.	.1026	.1014	.0876	.0890	.0874	.0871	.0866	.0875	.0880	.1301	.0856	.0846	.0844	.0865
115.				.1168	.1157	.1146	.1155	.1165	.1157	.1148	.1160	.1157	.1168	.1157
130.			.1111	.1459	.1431		.1434	.1444	.1448	.1459	.1471	.1470	.1461	.1445
145.	.1991	.2079	.1883	.1930	.1980	.1997	.2136	.1979	.2011	.2030	.2038	.2026	.2030	.2013
160.		.3179	.3015	.3012	.3098	.3138	.3130	.3126	.3181	.3159	.3176	.3133	.3121	.3119
170.				.4704	.4747	.4770	.4795	.4759	.4697	.4693	.4610	.4588	.4546	.4531
180.		.6088	.5536	.5954	.5912	.5981	.5997	.6044	.6001	.6058	.5921	.5820	.5814	.5784
						FOR ALPHA = 19.65 DEG								
0.	.0458	.0307	.0196	.0194	.0180	.0188	.0187	.0200	.0219	.0229	.0266	.0234	.0233	.0230
10.				.0155	.0151	.0153	.0158	.0159	.0151	.0158	.0166	.0169	.0171	.0173
20.		.0248	.0132	.0140	.0141	.0159	.0140	.0126	.0129	.0132	.0134	.0138	.0150	.0152
35.	.0312	.0297	.0222	.0280	.0241	.0223	.0474	.0221	.0213	.0211	.0206	.0213	.0213	.0217
50.			.0620	.0411	.0389	.0675	.0386	.0365	.0360	.0365	.0357	.0356	.0345	.0336
65.				.0579	.0588	.0578	.0569	.0561	.0561	.0567	.0541	.0527	.0555	.0560
90.	.1031	.1021	.0894	.0889	.0850	.0840	.0841	.0840	.0846	.1241	.0840	.0850	.0838	.0834
115.				.1273	.1242	.1245	.1251	.1251	.1245	.1266	.1267	.1239	.1246	.1234
130.			.1337	.1694	.1652		.1640	.1630	.1673	.1670	.1667	.1659	.1649	.1634
145.	.2320	.2461	.2342	.2310	.2357	.2395	.2471	.2354	.2380	.2368	.2385	.2379	.2388	.2378
160.		.3922	.3711	.3748	.3810	.3808	.3821	.3814	.3851	.3825	.3833	.3798	.3797	.3801
170.				.5973	.5942	.5946	.5989	.5910	.5831	.5821	.5719	.5707	.5670	.5656
180.		.7693	.6977	.7624	.7479	.7539	.7584	.7594	.7546	.7587	.7477	.7396	.7421	.7398

TABLE II. - CONTINUED

(I) MACH = 3.95, BETA = -.01 DEG, CONCLUDED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 1.65 DEG								
0.	.1975	.1976	.1968	.2003	.1984	.1960	.1967	.1983	.1964	.1973	.1986	.1996	.1985	0.
10.	.1996	.1687	.1682	.1680	.1680	.1687	.1694	.1703	.1688	.1704	.1696	.1718	.1699	10.
20.	.1374	.1359	.1378	.1389	.1380	.1372	.1372	.1366	.1368	.1377	.1370	.1393	.1387	20.
35.	.1145	.1168	.1156	.1157	.1487	.1158	.1158	.1153	.1141	.1140	.1132	.1132	.1102	35.
50.	.1086	.1086	.1070	.1071	.1085	.1076	.1079	.1078	.1066	.1058	.1044	.1030	.0994	50.
65.	.1063	.1058	.1051	.1047	.1044	.1051	.1058	.1039	.1445	.1026	.1019	.1025	.0998	65.
90.	.1044	.1055	.1045	.1038	.1030	.1028	.1034	.1024	.1020	.1005	.1013	.1011	.1000	90.
115.	.1070	.1068	.1064	.1055	.1050	.1051	.1059	.1039		.1017	.1007	.1014	.0990	115.
130.	.1121	.1120	.1107	.1103	.1109	.1090	.1092	.1088	.1081	.1063	.1053	.1037	.1006	130.
145.	.1232	.1253	.1238	.1232		.1229	.1229	.1222	.1211	.1201	.1190	.1188	.1151	145.
160.	.1592	.1566	.1580	.1584	.1572	.1561	.1562	.1555	.1558	.1547	.1535	.1554	.1547	160.
170.		.2061	.2037	.2028	.2027	.2033	.2035	.2040	.2023	.2015	.1991	.2014	.1980	170.
180.	.2505	.2496	.2472	.2516	.2482	.2448	.2450	.2449	.2420	.2401	.2400	.2399	.2376	180.
						FOR ALPHA = 2.65 DEG								
0.	.1804	.1802	.1790	.1821	.1810	.1787	.1796	.1805	.1792	.1794	.1812	.1810	.1798	0.
10.	.1881	.1560	.1551	.1544	.1551	.1559	.1565	.1565	.1562	.1569	.1565	.1577	.1563	10.
20.	.1299	.1286	.1300	.1302	.1300	.1291	.1291	.1282	.1291	.1293	.1289	.1303	.1304	20.
35.	.1106	.1130	.1117	.1113	.1455	.1119	.1115	.1105	.1100	.1095	.1087	.1082	.1058	35.
50.	.1060	.1063	.1045	.1047	.1066	.1059	.1056	.1049	.1044	.1030	.1017	.1000	.0971	50.
65.	.1048	.1042	.1033	.1031	.1034	.1043	.1046	.1025	.1420	.1012	.0999	.1004	.0984	65.
90.	.1046	.1054	.1040	.1035	.1027	.1028	.1029	.1019	.1009	.1003	.1006	.1003	.0998	90.
115.	.1081	.1079	.1075	.1067	.1060	.1064	.1068	.1048		.1033	.1019	.1020	.1001	115.
130.	.1143	.1144	.1125	.1122	.1125	.1116	.1117	.1113	.1109	.1091	.1081	.1061	.1029	130.
145.	.1287	.1312	.1290	.1284		.1277	.1273	.1265	.1255	.1243	.1238	.1233	.1194	145.
160.	.1695	.1671	.1683	.1686	.1675	.1657	.1658	.1649	.1657	.1645	.1639	.1654	.1645	160.
170.		.2224	.2201	.2189	.2191	.2188	.2194	.2199	.2181	.2174	.2154	.2165	.2134	170.
180.	.2720	.2707	.2686	.2722	.2699	.2655	.2665	.2662	.2633	.2616	.2613	.2604	.2583	180.
						FOR ALPHA = 4.65 DEG								
0.	.1471	.1469	.1459	.1491	.1478	.1451	.1465	.1479	.1469	.1464	.1484	.1477	.1465	0.
10.	.1651	.1307	.1296	.1297	.1300	.1300	.1309	.1318	.1311	.1312	.1315	.1324	.1303	10.
20.	.1143	.1130	.1135	.1141	.1135	.1120	.1120	.1119	.1123	.1124	.1127	.1141	.1141	20.
35.	.1018	.1045	.1026	.1021	.1361	.1012	.1011	.1008	.1002	.1003	.0998	.0997	.0972	35.
50.	.1003	.1011	.0995	.0996	.0999	.0989	.0985	.0981	.0972	.0968	.0957	.0946	.0918	50.
65.	.1001	.1003	.0998	.0997	.0988	.0997	.0998	.0979	.1382	.0967	.0956	.0961	.0943	65.
90.	.1023	.1035	.1023	.1019	.1007	.1007	.1010	.1002	.0995	.0986	.0987	.0986	.0982	90.
115.	.1087	.1085	.1082	.1076	.1068	.1071	.1076	.1060		.1045	.1030	.1034	.1013	115.
130.	.1179	.1180	.1166	.1172	.1172	.1158	.1155	.1151	.1146	.1128	.1118	.1094	.1062	130.
145.	.1388	.1412	.1384	.1380		.1368	.1363	.1355	.1342	.1338	.1328	.1321	.1286	145.
160.	.1905	.1876	.1891	.1893	.1882	.1857	.1860	.1847	.1857	.1855	.1838	.1859	.1849	160.
170.		.2562	.2537	.2523	.2524	.2517	.2526	.2530	.2517	.2521	.2481	.2501	.2469	170.
180.	.3161	.3144	.3125	.3160	.3129	.3099	.3108	.3110	.3081	.3062	.3061	.3049	.3026	180.
						FOR ALPHA = 9.65 DEG								
0.	.0849	.0847	.0842	.0862	.0854	.0841	.0844	.0848	.0831	.0828	.0827	.0821	.0814	0.
10.	.1203	.0804	.0803	.0803	.0809	.0811	.0815	.0815	.0802	.0799	.0797	.0798	.0777	10.
20.	.0791	.0769	.0773	.0779	.0781	.0774	.0775	.0771	.0775	.0776	.0774	.0781	.0777	20.
35.	.0779	.0790	.0773	.0769	.1144	.0772	.0776	.0777	.0778	.0777	.0773	.0765	.0737	35.
50.	.0820	.0823	.0810	.0808	.0817	.0801	.0801	.0801	.0800	.0798	.0791	.0774	.0749	50.
65.	.0863	.0864	.0857	.0854	.0850	.0854	.0859	.0845	.1278	.0843	.0831	.0828	.0810	65.
90.	.0944	.0953	.0936	.0934	.0930	.0933	.0938	.0930	.0925	.0909	.0914	.0908	.0905	90.
115.	.1120	.1117	.1106	.1098	.1086	.1092	.1097	.1074		.1053	.1039	.1042	.1027	115.
130.	.1299	.1295	.1279	.1286	.1279	.1265	.1265	.1257	.1248	.1230	.1219	.1195	.1160	130.
145.	.1658	.1689	.1659	.1654		.1642	.1637	.1627	.1614	.1607	.1603	.1590	.1551	145.
160.	.2491	.2458	.2476	.2471	.2450	.2425	.2429	.2414	.2429	.2423	.2417	.2435	.2420	160.
170.		.3467	.3429	.3414	.3411	.3432	.3437	.3438	.3435	.3438	.3392	.3411	.3376	170.
180.	.4386	.4373	.4337	.4385	.4337	.4332	.4350	.4340	.4311	.4299	.4297	.4281	.4238	180.
						FOR ALPHA = 14.65 DEG								
0.	.0448	.0442	.0433	.0439	.0430	.0420	.0426	.0427	.0423	.0411	.0414	.0420	.0425	0.
10.	.0883	.0435	.0427	.0425	.0421	.0422	.0424	.0425	.0419	.0410	.0413	.0421	.0410	10.
20.	.0475	.0453	.0451	.0456	.0455	.0450	.0450	.0447	.0447	.0437	.0437	.0446	.0448	20.
35.	.0513	.0520	.0509	.0511	.0921	.0513	.0517	.0519	.0513	.0498	.0492	.0493	.0472	35.
50.	.0592	.0597	.0590	.0595	.0606	.0586	.0586	.0593	.0591	.0579	.0571	.0565	.0548	50.
65.	.0681	.0676	.0681	.0693	.0694	.0697	.0698	.0688	.1136	.0676	.0663	.0668	.0652	65.
90.	.0856	.0869	.0858	.0855	.0847	.0845	.0845	.0837	.0832	.0817	.0821	.0823	.0821	90.
115.	.1157	.1145	.1135	.1123	.1119	.1126	.1127	.1102		.1084	.1073	.1080	.1065	115.
130.	.1445	.1438	.1417	.1422	.1420	.1411	.1408	.1399	.1388	.1365	.1363	.1342	.1307	130.
145.	.1981	.2021	.1984	.1983		.1978	.1967	.1955	.1933	.1930	.1916	.1915	.1875	145.
160.	.3120	.3087	.3110	.3106	.3080	.3064	.3072	.3058	.3064	.3066	.3055	.3085	.3057	160.
170.		.4498	.4446	.4421	.4419	.4467	.4449	.4472	.4463	.4475	.4419	.4431	.4388	170.
180.	.5797	.5801	.5754	.5805	.5736	.5762	.5777	.5752	.5726	.5709	.5713	.5683	.5634	180.
						FOR ALPHA = 19.65 DEG								
0.	.0229	.0220	.0216	.0222	.0212	.0199	.0206	.0204	.0204	.0199	.0203	.0211	.0222	0.
10.	.0644	.0168	.0168	.0171	.0166	.0158	.0160	.0161	.0157	.0156	.0159	.0171	.0159	10.
20.	.0166	.0148	.0153	.0159	.0157	.0147	.0148	.0148	.0143	.0138	.0141	.0162	.0170	20.
35.	.0207	.0196	.0187	.0212	.0652	.0212	.0210	.0212	.0207	.0206	.0206	.0216	.0198	35.
50.	.0368	.0377	.0364	.0361	.0369	.0347	.0344	.0346	.0343	.0346	.0344	.0341	.0326	50.
65.	.0558	.0553	.0545	.0541	.0531	.0532	.0538	.0535	.1022	.0545	.0531	.0537	.0517	65.
90.	.0828	.0837	.0831	.0827	.0817	.0815	.0817	.0813	.0816	.0803	.0805	.0806	.0800	90.
115.	.1236	.1237	.1230	.1224	.1220	.1228	.1226	.1206		.1185	.1168	.1172	.1156	115.
130.	.1641	.1642	.1626	.1636	.1625	.1620	.1617	.1609	.1603	.1579	.1563	.1539	.1495	130.
145.	.2352	.2403	.2359	.2358		.2357	.2343	.2332	.2316	.2305	.2280	.2273	.2225	145.
160.	.3801	.3765	.3788	.3777	.3754	.3760	.3759	.3729	.3738	.3736	.3744	.3782	.3760	160.
170.		.5607	.5544	.5517	.5524	.5579	.5557	.5563	.5552	.5567	.5523	.5558	.5520	170.
180.	.7399	.7364	.7323	.7379	.7284	.7315	.7313	.7269	.7250	.7240	.7262	.7233	.7162	180.

TABLE II. - CONTINUED

(J) MACH = 3.95, BETA = .98 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.35 DEG								
90.		.1320	.1162	.1226	.1193	.1233	.1248	.1261	.1261	.1271	.1273	.1238	.1242	.1238
100.				.1033	.1030	.1027	.1058	.1057	.1051	.1044	.1039	.1036	.1030	.1026
110.		.0935	.0835	.0892	.0867	.0868	.0875	.0878	.0881	.0870	.0865	.0860	.0871	.0875
125.	.0908	.0956	.0773	.0803	.0772	.0785	.1014	.0779	.0793	.0799	.0800	.0807	.0805	.0810
140.			.0767	.0792	.0782		.0765	.0749	.0780	.0802	.0798	.0794	.0795	.0784
155.				.0797	.0787	.0784	.0799	.0800	.0800	.0804	.0799	.0793	.0796	.0788
180.	.1111	.1049	.0962	.0935	.0967	.0941	.0969	.0984	.0993		.0957	.0953	.0945	.0951
205.				.1024	.1018	.1027	.1028	.1025	.1028	.1041	.1043	.1030	.1033	.1027
220.			.0995	.1011	.1009		.0971	.0997	.1038	.1038	.1028	.1023	.1016	.1006
235.	.1107	.1180	.0990	.1020	.1001	.0980	.1182	.0988	.1016	.1029	.1030	.1030	.1023	.1027
250.		.1132	.1039	.1100	.1028	.1073	.1065	.1081	.1086	.1078	.1080	.1070	.1079	.1081
260.				.1178	.1173	.1159	.1217	.1211	.1201	.1198	.1195	.1192	.1188	.1184
270.		.1315	.1223	.1219	.1198	.1249	.1241	.1254	.1256	.1265	.1270	.1235	.1241	.1230
						FOR ALPHA = -3.35 DEG								
90.		.1656	.1464	.1559	.1505	.1559	.1560	.1577	.1574	.1584	.1590	.1552	.1562	.1551
100.				.1271	.1276	.1273	.1302	.1291	.1278	.1271	.1272	.1265	.1259	.1255
110.		.1075	.0985	.1025	.1016	.1022	.1018	.1026	.1027	.1012	.1015	.1001	.1007	.1013
125.	.0986	.1012	.0849	.0918	.0869	.0890	.1095	.0870	.0881	.0880	.0881	.0883	.0881	.0886
140.			.0831	.0861	.0848		.0842	.0842	.0853	.0862	.0861	.0852	.0851	.0841
155.				.0854	.0843	.0829	.0821	.0816	.0839	.0863	.0862	.0848	.0852	.0845
180.	.1143	.1142	.0985	.0981	.0977	.0991	.1000	.1005	.1017		.1001	.0998	.0988	.0987
205.				.1090	.1084	.1072	.1045	.1077	.1117	.1120	.1115	.1099	.1098	.1086
220.			.1058	.1099	.1085		.1064	.1086	.1105	.1105	.1103	.1097	.1103	.1090
235.	.1210	.1252	.1102	.1145	.1101	.1111	.1300	.1111	.1124	.1125	.1128	.1127	.1132	.1138
250.		.1294	.1199	.1283	.1247	.1253	.1255	.1258	.1272	.1255	.1254	.1239	.1249	.1253
260.				.1449	.1432	.1422	.1483	.1476	.1464	.1457	.1454	.1453	.1448	.1442
270.		.1654	.1543	.1541	.1515	.1575	.1574	.1582	.1582	.1586	.1585	.1552	.1562	.1546
						FOR ALPHA = -2.34 DEG								
90.		.1832	.1593	.1669	.1674	.1749	.1746	.1759	.1750	.1766	.1760	.1722	.1729	.1721
100.				.1369	.1399	.1413	.1443	.1430	.1411	.1405	.1399	.1392	.1382	.1377
110.		.1146	.1064	.1122	.1096	.1093	.1104	.1109	.1108	.1092	.1091	.1079	.1087	.1090
125.	.1018	.1039	.0882	.0956	.0914	.0924	.1129	.0922	.0927	.0925	.0918	.0923	.0925	.0931
140.			.0854	.0885	.0873		.0867	.0870	.0881	.0885	.0883	.0885	.0886	.0877
155.				.0870	.0852	.0840	.0832	.0844	.0880	.0889	.0883	.0875	.0876	.0868
180.	.1156	.1166	.0983	.0995	.0987	.0992	.1005	.1019	.1037		.1017	.1013	.1000	.1002
205.				.1114	.1110	.1094	.1065	.1081	.1134	.1151	.1145	.1127	.1125	.1114
220.			.1083	.1127	.1119		.1113	.1119	.1139	.1149	.1144	.1141	.1139	.1127
235.	.1257	.1290	.1156	.1214	.1149	.1170	.1348	.1163	.1176	.1180	.1178	.1183	.1186	.1193
250.		.1382	.1275	.1341	.1348	.1339	.1339	.1355	.1361	.1345	.1339	.1325	.1334	.1341
260.				.1582	.1582	.1586	.1635	.1619	.1604	.1598	.1593	.1587	.1580	.1576
270.		.1839	.1702	.1690	.1697	.1765	.1754	.1762	.1757	.1767	.1761	.1719	.1725	.1714
						FOR ALPHA = -1.36 DEG								
90.		.2023	.1786	.1875	.1848	.1946	.1932	.1953	.1942	.1953	.1934	.1899	.1909	.1895
100.				.1514	.1530	.1557	.1589	.1573	.1551	.1540	.1529	.1519	.1511	.1504
110.		.1228	.1153	.1214	.1168	.1193	.1188	.1192	.1188	.1173	.1171	.1158	.1163	.1164
125.	.1059	.1075	.0913	.0987	.0962	.0964	.1172	.0968	.0971	.0967	.0957	.0962	.0965	.0969
140.			.0881	.0908	.0899		.0902	.0894	.0909	.0910	.0904	.0909	.0911	.0902
155.				.0876	.0871	.0865	.0866	.0897	.0911	.0910	.0899	.0892	.0894	.0883
180.	.1172	.1186	.0989	.1005	.0993	.0996	.1009	.1037	.1066		.1033	.1025	.1012	.1011
205.				.1133	.1123	.1108	.1137	.1175	.1172	.1172	.1165	.1148	.1149	.1137
220.			.1116	.1160	.1157		.1156	.1170	.1186	.1186	.1181	.1179	.1173	.1161
235.	.1309	.1338	.1204	.1240	.1240	.1231	.1404	.1225	.1235	.1243	.1244	.1249	.1244	.1250
250.		.1475	.1336	.1479	.1420	.1441	.1449	.1453	.1454	.1438	.1438	.1428	.1432	.1437
260.				.1728	.1720	.1735	.1787	.1773	.1753	.1746	.1739	.1736	.1721	.1718
270.		.2028	.1849	.1893	.1870	.1955	.1940	.1951	.1943	.1955	.1943	.1904	.1906	.1893
						FOR ALPHA = -.35 DEG								
90.		.2231	.1941	.2069	.2037	.2142	.2128	.2144	.2139	.2150	.2131	.2088	.2099	.2088
100.				.1691	.1669	.1700	.1737	.1716	.1696	.1686	.1674	.1659	.1647	.1644
110.		.1307	.1188	.1281	.1245	.1266	.1271	.1270	.1275	.1260	.1262	.1246	.1247	.1249
125.	.1093	.1107	.0945	.1025	.1029	.1007	.1212	.1004	.1014	.1011	.1009	.1012	.1013	.1014
140.			.0911	.0929	.0932		.0930	.0927	.0935	.0928	.0929	.0933	.0936	.0926
155.				.0892	.0885	.0892	.0906	.0912	.0910	.0919	.0919	.0909	.0909	.0897
180.	.1172	.1174	.0992	.1014	.1011	.0984	.0992	.1022	.1068		.1045	.1034	.1018	.1019
205.				.1154	.1131	.1145	.1182	.1188	.1192	.1187	.1179	.1158	.1162	.1152
220.			.1149	.1193	.1194		.1193	.1198	.1215	.1213	.1205	.1201	.1200	.1188
235.	.1357	.1379	.1239	.1296	.1297	.1281	.1451	.1279	.1294	.1300	.1295	.1296	.1295	.1296
250.		.1568	.1417	.1558	.1515	.1539	.1544	.1549	.1555	.1538	.1541	.1521	.1528	.1529
260.				.1873	.1876	.1896	.1944	.1929	.1907	.1899	.1893	.1880	.1871	.1866
270.		.2228	.2013	.2081	.2063	.2155	.2135	.2150	.2141	.2150	.2134	.2094	.2096	.2079
						FOR ALPHA = .65 DEG								
90.		.2439	.2138	.2265	.2246	.2337	.2333	.2352	.2345	.2357	.2340	.2295	.2303	.2284
100.				.1823	.1819	.1856	.1889	.1866	.1849	.1836	.1826	.1807	.1797	.1790
110.		.1391	.1266	.1362	.1321	.1351	.1355	.1353	.1366	.1351	.1355	.1335	.1339	.1338
125.	.1132	.1141	.0998	.1063	.1074	.1056	.1250	.1048	.1057	.1057	.1053	.1056	.1059	.1058
140.			.0932	.0953	.0967		.0955	.0953	.0958	.0957	.0949	.0953	.0953	.0944
155.				.0904	.0899	.0916	.0924	.0927	.0921	.0922	.0918	.0913	.0919	.0909
180.	.1168	.1170	.1002	.1021	.1020	.1012	.0996	.1019	.1075		.1048	.1042	.1026	.1026
205.				.1173	.1143	.1209	.1197	.1203	.1196	.1191	.1188	.1176	.1180	.1169
220.			.1191	.1227	.1233		.1233	.1239	.1245	.1234	.1226	.1224	.1227	.1217
235.	.1410	.1433	.1279	.1358	.1359	.1341	.1510	.1339	.1352	.1354	.1351	.1347	.1350	.1345
250.		.1673	.1513	.1633	.1618	.1648	.1652	.1655	.1664	.1646	.1650	.1626	.1634	.1636
260.				.2019	.2045	.2072	.2115	.2098	.2079	.2064	.2058	.2047	.2038	.2027
270.		.2442	.2206	.2277	.2285	.2361	.2344	.2363	.2353	.2360	.2350	.2300	.2305	.2280

TABLE II. - CONTINUED

(J) MACH = 3.95, BETA = .98 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.35 DEG								
90.	.1238	.1233	.1220	.1245	.1231	.1203	.1204	.1217	.1201	.1182	.1181	.1178	.1175	90.
100.		.1017	.1006	.1004	.1003	.1004	.1006	.1012	.1002	.0993	.0985	.0993	.0974	100.
110.	.0879	.0860	.0866	.0875	.0866	.0851	.0849	.0848	.0850	.0843	.0839	.0850	.0851	110.
125.	.0783	.0803	.0784	.0780		.0775	.0776	.0781	.0778	.0770	.0769	.0768	.0740	125.
140.	.0781	.0788	.0771	.0775	.0779	.0770	.0772	.0774	.0771	.0755	.0749	.0737	.0713	140.
155.	.0787	.0793	.0791	.0790	.0781	.0789	.0790	.0780		.0767	.0757	.0767	.0750	155.
180.	.0954	.0969	.0958	.0955	.0946	.0948	.0953	.0953	.0952	.0942	.0952	.0959	.0958	180.
205.	.1034	.1040	.1039	.1036	.1029	.1034	.1042	.1027		.1012	.1000	.1015	.0994	205.
220.	.1011	.1019	.1008	.1015	.1025	.1012	.1013	.1010	.1003	.0990	.0976	.0967	.0936	220.
235.	.1000	.1021	.1005	.1006		.1012	.1018	.1018	.1015	.1000	.0991	.0990	.0952	235.
250.	.1082	.1062	.1069	.1077	.1070	.1063	.1067	.1064	.1069	.1058	.1052	.1071	.1062	250.
260.		.1180	.1172	.1168	.1167	.1170	.1179	.1184	.1170	.1158	.1150	.1166	.1137	260.
270.	.1230	.1229	.1220	.1248	.1231	.1208	.1215	.1222	.1206	.1188	.1190	.1184	.1180	270.
						FOR ALPHA = -3.35 DEG								
90.	.1550	.1545	.1530	.1555	.1538	.1504	.1509	.1521	.1498	.1482	.1479	.1478	.1470	90.
100.		.1243	.1228	.1226	.1224	.1222	.1224	.1230	.1220	.1211	.1198	.1214	.1192	100.
110.	.1017	.0998	.1006	.1015	.1004	.0989	.0985	.0984	.0989	.0978	.0972	.0992	.0996	110.
125.	.0864	.0883	.0871	.0870		.0867	.0864	.0868	.0864	.0851	.0839	.0845	.0816	125.
140.	.0841	.0845	.0835	.0838	.0845	.0831	.0830	.0831	.0825	.0809	.0795	.0787	.0765	140.
155.	.0847	.0842	.0838	.0834	.0824	.0827	.0835	.0822		.0809	.0797	.0811	.0797	155.
180.	.0986	.0995	.0983	.0981	.0973	.0975	.0982	.0982	.0978	.0969	.0980	.0983	.0982	180.
205.	.1090	.1088	.1084	.1082	.1074	.1081	.1087	.1078		.1074	.1064	.1073	.1053	205.
220.	.1093	.1098	.1082	.1086	.1091	.1081	.1080	.1081	.1079	.1068	.1058	.1047	.1016	220.
235.	.1112	.1138	.1120	.1121		.1124	.1126	.1122	.1118	.1109	.1101	.1097	.1062	235.
250.	.1252	.1233	.1241	.1250	.1245	.1235	.1241	.1239	.1247	.1245	.1237	.1255	.1248	250.
260.		.1434	.1422	.1415	.1417	.1417	.1424	.1434	.1424	.1422	.1412	.1426	.1400	260.
270.	.1553	.1545	.1534	.1564	.1544	.1515	.1521	.1532	.1512	.1499	.1502	.1500	.1485	270.
						FOR ALPHA = -2.34 DEG								
90.	.1725	.1720	.1701	.1728	.1705	.1672	.1675	.1686	.1666	.1656	.1657	.1647	.1637	90.
100.		.1367	.1352	.1345	.1345	.1345	.1349	.1354	.1342	.1344	.1328	.1338	.1318	100.
110.	.1090	.1072	.1080	.1088	.1079	.1065	.1067	.1063	.1066	.1067	.1059	.1076	.1076	110.
125.	.0908	.0931	.0915	.0915		.0910	.0911	.0908	.0903	.0901	.0893	.0890	.0858	125.
140.	.0876	.0879	.0864	.0866	.0869	.0855	.0856	.0855	.0850	.0843	.0835	.0821	.0796	140.
155.	.0868	.0864	.0860	.0851	.0843	.0847	.0853	.0841		.0836	.0827	.0836	.0820	155.
180.	.0998	.1007	.0997	.0995	.0987	.0988	.0996	.0996	.0996	.0983	.0992	.0993	.0993	180.
205.	.1112	.1108	.1103	.1102	.1094	.1102	.1115	.1102		.1102	.1095	.1099	.1078	205.
220.	.1122	.1124	.1108	.1115	.1116	.1109	.1111	.1112	.1113	.1108	.1102	.1084	.1051	220.
235.	.1163	.1187	.1172	.1171		.1171	.1172	.1171	.1167	.1163	.1157	.1151	.1113	235.
250.	.1339	.1318	.1330	.1342	.1338	.1328	.1331	.1332	.1338	.1337	.1331	.1345	.1339	250.
260.		.1567	.1554	.1550	.1553	.1553	.1559	.1572	.1558	.1559	.1548	.1562	.1539	260.
270.	.1721	.1720	.1706	.1742	.1717	.1685	.1687	.1700	.1678	.1672	.1673	.1673	.1657	270.
						FOR ALPHA = -1.36 DEG								
90.	.1904	.1898	.1883	.1912	.1890	.1846	.1855	.1866	.1841	.1820	.1830	.1822	.1804	90.
100.		.1494	.1480	.1476	.1476	.1472	.1477	.1482	.1469	.1463	.1453	.1463	.1437	100.
110.	.1166	.1145	.1158	.1164	.1158	.1146	.1147	.1142	.1145	.1140	.1137	.1151	.1148	110.
125.	.0948	.0973	.0957	.0951		.0953	.0950	.0949	.0941	.0936	.0927	.0926	.0892	125.
140.	.0905	.0907	.0890	.0888	.0890	.0881	.0880	.0876	.0871	.0863	.0850	.0840	.0813	140.
155.	.0885	.0880	.0874	.0867	.0857	.0868	.0870	.0854		.0851	.0837	.0843	.0826	155.
180.	.1010	.1022	.1011	.1007	.1001	.1006	.1010	.1005	.0999	.0991	.0999	.0995	.0992	180.
205.	.1138	.1136	.1127	.1126	.1121	.1132	.1138	.1128		.1123	.1118	.1124	.1096	205.
220.	.1160	.1165	.1146	.1150	.1153	.1145	.1146	.1152	.1150	.1142	.1137	.1120	.1085	220.
235.	.1218	.1246	.1224	.1223		.1223	.1222	.1225	.1219	.1215	.1212	.1205	.1168	235.
250.	.1431	.1419	.1427	.1439	.1430	.1422	.1427	.1424	.1432	.1428	.1424	.1437	.1430	250.
260.		.1712	.1695	.1693	.1693	.1696	.1704	.1709	.1697	.1698	.1688	.1701	.1677	260.
270.	.1897	.1898	.1888	.1923	.1897	.1864	.1869	.1873	.1857	.1841	.1849	.1841	.1827	270.
						FOR ALPHA = -.35 DEG								
90.	.2091	.2089	.2073	.2104	.2082	.2041	.2039	.2053	.2024	.2013	.2011	.2000	.1987	90.
100.		.1633	.1616	.1607	.1611	.1611	.1614	.1616	.1603	.1601	.1585	.1598	.1571	100.
110.	.1250	.1232	.1240	.1248	.1243	.1230	.1232	.1224	.1225	.1222	.1219	.1235	.1228	110.
125.	.0994	.1013	.0993	.0990		.0988	.0990	.0986	.0980	.0973	.0972	.0966	.0930	125.
140.	.0927	.0930	.0911	.0910	.0916	.0901	.0900	.0901	.0897	.0884	.0881	.0863	.0837	140.
155.	.0898	.0896	.0890	.0883	.0880	.0883	.0884	.0873		.0864	.0853	.0860	.0843	155.
180.	.1018	.1031	.1022	.1019	.1010	.1012	.1016	.1008	.1000	.0992	.0997	.0996	.0996	180.
205.	.1155	.1154	.1150	.1148	.1141	.1148	.1156	.1145		.1138	.1128	.1134	.1113	205.
220.	.1188	.1189	.1175	.1178	.1182	.1172	.1177	.1182	.1182	.1170	.1162	.1143	.1109	220.
235.	.1267	.1287	.1269	.1268		.1268	.1269	.1271	.1270	.1264	.1258	.1251	.1218	235.
250.	.1527	.1508	.1522	.1532	.1523	.1512	.1515	.1512	.1522	.1515	.1510	.1524	.1519	250.
260.		.1856	.1840	.1836	.1839	.1835	.1846	.1850	.1842	.1839	.1824	.1840	.1813	260.
270.	.2082	.2081	.2071	.2108	.2087	.2048	.2055	.2056	.2039	.2021	.2028	.2021	.2008	270.
						FOR ALPHA = .65 DEG								
90.	.2295	.2286	.2266	.2302	.2282	.2241	.2239	.2248	.2220	.2204	.2202	.2197	.2180	90.
100.		.1774	.1754	.1747	.1752	.1753	.1753	.1755	.1743	.1744	.1723	.1740	.1712	100.
110.	.1338	.1316	.1328	.1335	.1328	.1316	.1316	.1309	.1313	.1311	.1298	.1320	.1316	110.
125.	.1032	.1048	.1032	.1030		.1027	.1028	.1026	.1020	.1018	.1008	.1005	.0971	125.
140.	.0944	.0945	.0930	.0931	.0937	.0920	.0920	.0920	.0917	.0908	.0896	.0886	.0856	140.
155.	.0908	.0905	.0902	.0898	.0893	.0897	.0900	.0887		.0875	.0867	.0875	.0854	155.
180.	.1025	.1036	.1028	.1024	.1014	.1013	.1016	.1009	.1005	.0990	.1000	.1000	.0997	180.
205.	.1176	.1175	.1176	.1171	.1163	.1167	.1175	.1160		.1151	.1143	.1153	.1128	205.
220.	.1220	.1220	.1207	.1211	.1214	.1201	.1207	.1209	.1208	.1197	.1188	.1173	.1132	220.
235.	.1311	.1332	.1318	.1315		.1320	.1323	.1323	.1319	.1316	.1310	.1310	.1270	235.
250.	.1631	.1608	.1623	.1628	.1620	.1608	.1613	.1610	.1613	.1613	.1604	.1630	.1619	250.
260.		.2011	.1993	.1987	.1993	.1994	.2002	.2013	.1993	.1992	.1973	.1997	.1967	260.
270.	.2287	.2279	.2267	.2314	.2285	.2249	.2255	.2265	.2233	.2221	.2221	.2222	.2198	270.

TABLE II. - CONTINUED

(J) MACH = 3.95, BETA = .98 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 1.65 DEG								
90.		.2652	.2343	.2454	.2476	.2554	.2545	.2569	.2559	.2571	.2556	.2512	.2515	.2495
100.				.1969	.1988	.2023	.2049	.2028	.2004	.1992	.1981	.1969	.1955	.1948
110.		.1482	.1363	.1436	.1422	.1445	.1444	.1448	.1460	.1445	.1447	.1432	.1431	.1433
125.	.1168	.1178	.1064	.1110	.1108	.1105	.1289	.1095	.1099	.1101	.1099	.1104	.1102	.1097
140.			.0952	.0968	.0986		.0978	.0975	.0986	.0980	.0972	.0971	.0969	.0961
155.				.0902	.0922	.0931	.0939	.0939	.0931	.0927	.0924	.0917	.0924	.0917
180.	.1160	.1172	.0993	.1019	.1024	.1007	.1009	.1035	.1071		.1045	.1039	.1027	.1027
205.				.1185	.1158	.1212	.1216	.1222	.1204	.1202	.1198	.1190	.1197	.1189
220.			.1223	.1274	.1274		.1262	.1267	.1274	.1261	.1255	.1253	.1253	.1247
235.	.1457	.1485	.1322	.1411	.1405	.1396	.1561	.1394	.1409	.1408	.1404	.1401	.1397	.1394
250.		.1775	.1622	.1738	.1720	.1759	.1759	.1761	.1772	.1755	.1756	.1731	.1735	.1738
260.				.2168	.2221	.2249	.2286	.2271	.2244	.2230	.2224	.2216	.2205	.2191
270.		.2659	.2409	.2474	.2506	.2578	.2561	.2575	.2566	.2574	.2560	.2512	.2518	.2491
						FOR ALPHA = 2.65 DEG								
90.		.2865	.2559	.2659	.2719	.2782	.2768	.2791	.2775	.2790	.2769	.2725	.2726	.2708
100.				.2125	.2165	.2197	.2220	.2194	.2166	.2152	.2144	.2133	.2117	.2106
110.		.1578	.1468	.1522	.1522	.1543	.1542	.1547	.1560	.1540	.1546	.1525	.1529	.1532
125.	.1214	.1220	.1113	.1169	.1147	.1147	.1335	.1138	.1145	.1146	.1147	.1145	.1144	.1141
140.			.0970	.1009	.1006		.0996	.0999	.1010	.0999	.0994	.0990	.0987	.0978
155.				.0904	.0925	.0945	.0949	.0954	.0944	.0936	.0931	.0922	.0929	.0922
180.	.1147	.1176	.0978	.1007	.1021	.1000	.1036	.1040	.1055		.1040	.1039	.1027	.1028
205.				.1182	.1206	.1216	.1227	.1227	.1215	.1213	.1213	.1206	.1212	.1204
220.			.1234	.1309	.1306		.1289	.1288	.1295	.1288	.1281	.1285	.1285	.1275
235.	.1508	.1531	.1357	.1479	.1453	.1451	.1615	.1449	.1460	.1455	.1453	.1451	.1449	.1445
250.		.1871	.1753	.1839	.1828	.1870	.1868	.1870	.1885	.1862	.1858	.1839	.1845	.1844
260.				.2327	.2400	.2428	.2470	.2449	.2417	.2401	.2398	.2392	.2376	.2362
270.		.2864	.2620	.2679	.2738	.2805	.2783	.2802	.2784	.2795	.2773	.2730	.2732	.2704
						FOR ALPHA = 4.65 DEG								
90.		.3319	.2995	.3097	.3169	.3262	.3248	.3264	.3231	.3261	.3219	.3170	.3179	.3149
100.				.2440	.2524	.2567	.2586	.2548	.2510	.2490	.2490	.2482	.2464	.2453
110.		.1777	.1686	.1686	.1718	.1743	.1752	.1756	.1763	.1741	.1751	.1734	.1739	.1739
125.	.1297	.1308	.1226	.1248	.1227	.1241	.1417	.1228	.1240	.1245	.1239	.1232	.1240	.1234
140.			.0972	.1046	.1052		.1036	.1040	.1046	.1038	.1033	.1031	.1029	.1016
155.				.0935	.0943	.0948	.0958	.0964	.0956	.0957	.0949	.0938	.0945	.0936
180.	.1113	.1181	.0949	.1020	.0984	.1019	.1035	.1038	.1047		.1016	.1019	.1013	.1015
205.				.1202	.1228	.1232	.1245	.1256	.1247	.1243	.1237	.1227	.1238	.1226
220.			.1260	.1376	.1348		.1338	.1340	.1356	.1348	.1341	.1339	.1338	.1321
235.	.1612	.1633	.1495	.1549	.1544	.1568	.1719	.1560	.1569	.1566	.1559	.1557	.1564	.1561
250.		.2085	.2007	.2012	.2052	.2088	.2093	.2096	.2109	.2071	.2085	.2061	.2063	.2062
260.				.2675	.2780	.2810	.2853	.2815	.2776	.2760	.2756	.2737	.2725	.2707
270.		.3318	.3045	.3120	.3207	.3287	.3266	.3272	.3247	.3262	.3225	.3165	.3173	.3141
						FOR ALPHA = 9.65 DEG								
90.		.4622	.4066	.4440	.4448	.4556	.4545	.4578	.4550	.4567	.4468	.4410	.4412	.4387
100.				.3431	.3492	.3532	.3550	.3503	.3462	.3442	.3396	.3383	.3350	.3339
110.		.2337	.2245	.2192	.2262	.2297	.2312	.2307	.2321	.2308	.2336	.2300	.2297	.2294
125.	.1529	.1564	.1443	.1464	.1480	.1484	.1646	.1496	.1502	.1498	.1510	.1512	.1515	.1503
140.			.0925	.1167	.1125		.1122	.1123	.1143	.1137	.1129	.1135	.1134	.1124
155.				.0945	.0963	.0955	.0958	.0974	.0969	.0968	.0963	.0944	.0945	.0942
180.	.1028	.1203	.0856	.0927	.0953	.0968	.0964	.0959	.0964		.0949	.0948	.0938	.0934
205.				.1284	.1259	.1269	.1276	.1286	.1285	.1282	.1279	.1251	.1252	.1252
220.			.1251	.1482	.1460		.1473	.1467	.1488	.1472	.1469	.1470	.1472	.1463
235.	.1888	.1938	.1769	.1842	.1829	.1859	.1998	.1860	.1871	.1860	.1883	.1875	.1871	.1859
250.		.2694	.2623	.2548	.2656	.2693	.2711	.2696	.2721	.2694	.2707	.2673	.2665	.2665
260.				.3709	.3786	.3831	.3869	.3829	.3773	.3752	.3698	.3678	.3648	.3635
270.		.4627	.4128	.4485	.4503	.4588	.4567	.4589	.4555	.4568	.4466	.4396	.4393	.4374
						FOR ALPHA = 14.65 DEG								
90.		.6065	.5475	.5918	.5879	.5965	.5969	.6032	.6014	.6048	.5912	.5828	.5824	.5796
100.				.4538	.4577	.4594	.4596	.4568	.4522	.4510	.4418	.4396	.4358	.4346
110.		.2979	.2827	.2793	.2879	.2914	.2912	.2903	.2962	.2940	.2952	.2920	.2919	.2911
125.	.1803	.1879	.1676	.1751	.1778	.1793	.1951	.1782	.1802	.1828	.1831	.1824	.1832	.1816
140.			.0965	.1293	.1260		.1252	.1268	.1265	.1266	.1288	.1293	.1281	.1262
155.				.0989	.0994	.0995	.0987	.0993	.0990	.0974	.0985	.0985	.1000	.0987
180.	.0966	.1284	.0886	.0883	.0867	.0870	.0866	.0871	.0869		.0841	.0831	.0840	.0856
205.				.1346	.1309	.1299	.1314	.1326	.1311	.1302	.1309	.1314	.1315	.1307
220.			.1270	.1650	.1607		.1606	.1611	.1604	.1630	.1633	.1634	.1624	.1610
235.	.2193	.2285	.2085	.2110	.2181	.2194	.2317	.2163	.2195	.2207	.2212	.2210	.2212	.2194
250.		.3375	.3215	.3232	.3310	.3344	.3329	.3332	.3375	.3353	.3351	.3316	.3312	.3303
260.				.4855	.4898	.4935	.4950	.4928	.4870	.4853	.4763	.4743	.4711	.4687
270.		.6092	.5571	.5980	.5933	.6002	.5995	.6052	.6026	.6053	.5919	.5826	.5821	.5797
						FOR ALPHA = 19.65 DEG								
90.		.7671	.6930	.7583	.7443	.7513	.7556	.7590	.7536	.7580	.7467	.7386	.7413	.7384
100.				.5780	.5745	.5757	.5768	.5703	.5629	.5604	.5500	.5480	.5455	.5435
110.		.3702	.3480	.3520	.3574	.3571	.3567	.3569	.3607	.3581	.3587	.3559	.3565	.3566
125.	.2108	.2237	.2114	.2122	.2134	.2171	.2265	.2130	.2165	.2154	.2162	.2161	.2179	.2168
140.			.1156	.1505	.1463		.1452	.1439	.1474	.1481	.1477	.1473	.1468	.1456
155.				.1112	.1078	.1076	.1078	.1077	.1058	.1081	.1093	.1072	.1076	.1066
180.	.0988	.1417	.0908	.0883	.0853	.0862	.0867	.0861	.0838		.0847	.0867	.0860	.0850
205.				.1416	.1400	.1398	.1407	.1404	.1414	.1422	.1427	.1408	.1416	.1403
220.			.1504	.1860	.1831		.1802	.1810	.1845	.1838	.1837	.1837	.1832	.1814
235.	.2522	.2666	.2482	.2489	.2550	.2581	.2654	.2547	.2570	.2561	.2581	.2580	.2595	.2579
250.		.4108	.3865	.3940	.4019	.4024	.4032	.4021	.4061	.4035	.4036	.4002	.4001	.4010
260.				.6135	.6100	.6118	.6153	.6078	.6007	.5994	.5894	.5888	.5860	.5846
270.		.7692	.7000	.7637	.7482	.7547	.7567	.7590	.7548	.7595	.7480	.7406	.7425	.7395

TABLE II. - CONTINUED

(J) MACH = 3.95, BETA = .98 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 1.65 DEG								
90.	.2500	.2492	.2474	.2514	.2493	.2443	.2451	.2451	.2422	.2409	.2409	.2398	.2383	90.
100.		.1925	.1902	.1897	.1897	.1898	.1902	.1906	.1895	.1893	.1871	.1885	.1859	100.
110.	.1432	.1410	.1421	.1424	.1413	.1401	.1402	.1397	.1403	.1396	.1387	.1407	.1404	110.
125.	.1072	.1094	.1077	.1069		.1066	.1067	.1062	.1056	.1052	.1043	.1043	.1013	125.
140.	.0962	.0964	.0948	.0948	.0952	.0937	.0942	.0938	.0938	.0928	.0915	.0902	.0879	140.
155.	.0920	.0919	.0915	.0910	.0906	.0910	.0915	.0894		.0880	.0869	.0876	.0861	155.
180.	.1027	.1036	.1028	.1024	.1015	.1011	.1015	.1006	.0999	.0986	.0995	.0994	.0995	180.
205.	.1199	.1195	.1192	.1190	.1182	.1183	.1190	.1174		.1158	.1154	.1163	.1143	205.
220.	.1252	.1251	.1234	.1239	.1243	.1229	.1232	.1234	.1237	.1217	.1213	.1197	.1163	220.
235.	.1364	.1389	.1370	.1370		.1371	.1374	.1375	.1371	.1364	.1357	.1354	.1322	235.
250.	.1735	.1709	.1723	.1728	.1724	.1705	.1710	.1708	.1713	.1710	.1699	.1719	.1721	250.
260.		.2170	.2152	.2148	.2154	.2152	.2158	.2166	.2155	.2152	.2125	.2143	.2121	260.
270.	.2497	.2486	.2472	.2521	.2496	.2458	.2462	.2460	.2438	.2419	.2422	.2418	.2397	270.
						FOR ALPHA = 2.65 DEG								
90.	.2708	.2703	.2686	.2722	.2695	.2651	.2662	.2667	.2634	.2613	.2615	.2603	.2585	90.
100.		.2081	.2058	.2047	.2047	.2049	.2057	.2059	.2046	.2042	.2022	.2035	.2013	100.
110.	.1529	.1503	.1513	.1519	.1505	.1491	.1494	.1487	.1493	.1485	.1482	.1496	.1492	110.
125.	.1121	.1141	.1119	.1116		.1110	.1105	.1103	.1096	.1090	.1088	.1080	.1052	125.
140.	.0982	.0980	.0963	.0967	.0969	.0962	.0960	.0964	.0959	.0948	.0939	.0921	.0895	140.
155.	.0930	.0928	.0925	.0920	.0916	.0918	.0920	.0907		.0889	.0874	.0883	.0867	155.
180.	.1026	.1037	.1026	.1020	.1007	.1005	.1009	.1002	.0989	.0981	.0986	.0988	.0987	180.
205.	.1209	.1208	.1204	.1201	.1188	.1197	.1199	.1183		.1166	.1161	.1166	.1149	205.
220.	.1273	.1274	.1258	.1260	.1256	.1254	.1256	.1260	.1264	.1246	.1241	.1222	.1184	220.
235.	.1416	.1444	.1421	.1421		.1423	.1426	.1422	.1420	.1407	.1408	.1405	.1370	235.
250.	.1834	.1812	.1821	.1827	.1819	.1804	.1814	.1808	.1816	.1806	.1803	.1825	.1820	250.
260.		.2337	.2315	.2305	.2313	.2309	.2324	.2336	.2318	.2305	.2289	.2306	.2282	260.
270.	.2706	.2696	.2684	.2727	.2700	.2660	.2675	.2677	.2648	.2621	.2635	.2624	.2602	270.
						FOR ALPHA = 4.65 DEG								
90.	.3150	.3140	.3124	.3163	.3134	.3096	.3108	.3117	.3079	.3053	.3056	.3048	.3029	90.
100.		.2412	.2391	.2377	.2375	.2371	.2378	.2388	.2375	.2364	.2338	.2353	.2330	100.
110.	.1728	.1701	.1717	.1718	.1703	.1684	.1688	.1684	.1691	.1676	.1668	.1692	.1683	110.
125.	.1209	.1235	.1212	.1210		.1198	.1198	.1195	.1183	.1169	.1163	.1165	.1132	125.
140.	.1015	.1019	.1005	.1015	.1016	.1001	.1004	.1001	.0994	.0969	.0960	.0948	.0918	140.
155.	.0938	.0934	.0932	.0925	.0919	.0926	.0931	.0915		.0887	.0880	.0889	.0873	155.
180.	.1013	.1023	.1014	.1005	.0994	.0993	.0994	.0988	.0977	.0963	.0973	.0973	.0971	180.
205.	.1230	.1227	.1221	.1214	.1204	.1204	.1208	.1195		.1191	.1184	.1193	.1165	205.
220.	.1324	.1326	.1310	.1318	.1320	.1306	.1308	.1309	.1309	.1294	.1286	.1268	.1222	220.
235.	.1540	.1560	.1532	.1529		.1529	.1528	.1528	.1521	.1515	.1516	.1512	.1466	235.
250.	.2063	.2028	.2043	.2047	.2037	.2019	.2023	.2024	.2031	.2030	.2028	.2052	.2038	250.
260.		.2685	.2659	.2650	.2655	.2654	.2665	.2682	.2661	.2669	.2635	.2653	.2621	260.
270.	.3149	.3132	.3113	.3168	.3131	.3110	.3127	.3128	.3094	.3090	.3078	.3073	.3039	270.
						FOR ALPHA = 9.65 DEG								
90.	.4402	.4376	.4341	.4397	.4346	.4341	.4360	.4356	.4321	.4299	.4304	.4275	.4244	90.
100.		.3298	.3258	.3245	.3247	.3257	.3268	.3272	.3267	.3274	.3242	.3261	.3235	100.
110.	.2285	.2258	.2271	.2268	.2259	.2225	.2232	.2225	.2233	.2232	.2226	.2250	.2244	110.
125.	.1472	.1504	.1470	.1467		.1461	.1454	.1445	.1435	.1425	.1420	.1418	.1387	125.
140.	.1125	.1122	.1101	.1109	.1107	.1094	.1089	.1078	.1079	.1058	.1051	.1041	.1013	140.
155.	.0955	.0950	.0941	.0937	.0929	.0933	.0930	.0907		.0896	.0885	.0899	.0884	155.
180.	.0932	.0938	.0925	.0918	.0913	.0920	.0925	.0915	.0906	.0892	.0898	.0899	.0898	180.
205.	.1266	.1263	.1251	.1239	.1234	.1244	.1250	.1231		.1213	.1199	.1214	.1192	205.
220.	.1459	.1454	.1430	.1434	.1435	.1429	.1429	.1431	.1429	.1407	.1396	.1378	.1335	220.
235.	.1832	.1863	.1824	.1819		.1824	.1815	.1822	.1810	.1806	.1797	.1791	.1747	235.
250.	.2661	.2634	.2646	.2651	.2635	.2614	.2621	.2620	.2633	.2630	.2625	.2654	.2640	250.
260.		.3615	.3564	.3557	.3560	.3596	.3606	.3622	.3610	.3617	.3580	.3597	.3569	260.
270.	.4382	.4377	.4342	.4402	.4354	.4358	.4383	.4373	.4348	.4328	.4326	.4307	.4276	270.
						FOR ALPHA = 14.65 DEG								
90.	.5807	.5806	.5770	.5813	.5747	.5752	.5766	.5758	.5726	.5702	.5702	.5675	.5636	90.
100.		.4308	.4258	.4235	.4227	.4274	.4268	.4282	.4278	.4275	.4244	.4267	.4232	100.
110.	.2906	.2877	.2900	.2891	.2866	.2849	.2856	.2842	.2856	.2853	.2867	.2894	.2876	110.
125.	.1782	.1820	.1786	.1784		.1779	.1767	.1763	.1751	.1753	.1747	.1737	.1698	125.
140.	.1258	.1255	.1240	.1248	.1245	.1233	.1231	.1226	.1220	.1205	.1201	.1179	.1143	140.
155.	.0986	.0980	.0972	.0962	.0956	.0961	.0963	.0947		.0932	.0920	.0926	.0912	155.
180.	.0863	.0870	.0860	.0852	.0837	.0835	.0834	.0824	.0819	.0806	.0807	.0807	.0809	180.
205.	.1313	.1308	.1296	.1289	.1280	.1288	.1296	.1272		.1261	.1249	.1256	.1246	205.
220.	.1609	.1608	.1589	.1598	.1592	.1586	.1586	.1582	.1580	.1560	.1551	.1526	.1495	220.
235.	.2161	.2206	.2171	.2172		.2174	.2165	.2156	.2148	.2140	.2131	.2116	.2082	235.
250.	.3301	.3268	.3294	.3294	.3276	.3279	.3295	.3279	.3304	.3292	.3296	.3323	.3300	250.
260.		.4661	.4607	.4588	.4603	.4648	.4661	.4681	.4691	.4690	.4645	.4666	.4620	260.
270.	.5813	.5812	.5782	.5826	.5765	.5772	.5799	.5790	.5757	.5741	.5744	.5720	.5658	270.
						FOR ALPHA = 19.65 DEG								
90.	.7390	.7360	.7324	.7372	.7297	.7309	.7311	.7277	.7249	.7237	.7254	.7244	.7180	90.
100.		.5409	.5348	.5314	.5309	.5364	.5348	.5359	.5354	.5381	.5336	.5380	.5337	100.
110.	.3574	.3544	.3574	.3560	.3524	.3531	.3541	.3510	.3523	.3523	.3527	.3564	.3544	110.
125.	.2145	.2192	.2157	.2154		.2159	.2146	.2133	.2112	.2110	.2091	.2084	.2042	125.
140.	.1460	.1460	.1449	.1459	.1451	.1445	.1441	.1430	.1420	.1403	.1396	.1374	.1339	140.
155.	.1072	.1070	.1066	.1060	.1053	.1060	.1060	.1037		.1023	.1012	.1018	.1003	155.
180.	.0844	.0847	.0843	.0835	.0823	.0821	.0819	.0808	.0802	.0787	.0790	.0787	.0784	180.
205.	.1408	.1402	.1394	.1388	.1383	.1394	.1396	.1373		.1348	.1346	.1351	.1336	205.
220.	.1819	.1818	.1803	.1813	.1800	.1795	.1798	.1790	.1783	.1756	.1759	.1730	.1689	220.
235.	.2553	.2613	.2569	.2564		.2560	.2553	.2545	.2530	.2521	.2508	.2495	.2449	235.
250.	.4024	.3993	.4022	.4008	.3982	.3984	.4010	.3983	.4010	.4009	.4020	.4052	.4018	250.
260.		.5820	.5758	.5739	.5748	.5804	.5802	.5819	.5815	.5837	.5790	.5823	.5775	260.
270.	.7409	.7377	.7341	.7402	.7314	.7342	.7354	.7312	.7293	.7290	.7317	.7290	.7215	270.

TABLE II. - CONTINUED

(K) MACH = 3.95, BETA = 3.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.35 DEG								
90.		.1271	.1062	.1212	.1161	.1175	.1208	.1225	.1221	.1233	.1235	.1207	.1212	.1205
100.				.0863	.0846	.0850	.0866	.0859	.0852	.0849	.0840	.0834	.0833	.0834
110.		.0717	.0669	.0621	.0661	.0657	.0645	.0648	.0649	.0644	.0644	.0639	.0648	.0653
125.	.0689	.0716	.0557	.0590	.0550	.0569	.0829	.0570	.0573	.0574	.0571	.0578	.0581	.0588
140.			.0548	.0565	.0555		.0549	.0546	.0557	.0565	.0566	.0571	.0571	.0564
155.				.0564	.0556	.0557	.0559	.0575	.0578	.0583	.0572	.0566	.0572	.0566
180.	.1154	.1086	.1001	.0981	.1007	.0986	.1009	.1010	.1038		.1001	.0999	.0988	.0997
205.				.1339	.1329	.1322	.1346	.1360	.1359	.1361	.1353	.1334	.1334	.1330
220.			.1304	.1308	.1297		.1322	.1325	.1335	.1333	.1320	.1315	.1307	.1300
235.	.1382	.1472	.1290	.1310	.1296	.1259	.1464	.1302	.1314	.1315	.1307	.1314	.1303	.1309
250.		.1388	.1325	.1360	.1301	.1337	.1327	.1337	.1345	.1335	.1333	.1327	.1334	.1335
260.				.1359	.1350	.1331	.1393	.1397	.1379	.1377	.1368	.1371	.1370	.1362
270.		.1341	.1293	.1244	.1226	.1260	.1252	.1260	.1266	.1270	.1273	.1235	.1244	.1224
						FOR ALPHA = -3.35 DEG								
90.		.1606	.1360	.1511	.1462	.1508	.1523	.1544	.1542	.1552	.1543	.1519	.1529	.1523
100.				.1053	.1067	.1081	.1098	.1074	.1058	.1056	.1050	.1046	.1042	.1043
110.		.0826	.0780	.0799	.0751	.0774	.0767	.0769	.0765	.0758	.0757	.0757	.0749	.0761	.0767
125.	.0741	.0758	.0628	.0652	.0614	.0640	.0885	.0636	.0637	.0635	.0627	.0633	.0637	.0644
140.			.0598	.0616	.0601		.0607	.0609	.0617	.0617	.0613	.0613	.0615	.0608
155.				.0608	.0598	.0587	.0580	.0589	.0591	.0609	.0610	.0610	.0618	.0607
180.	.1183	.1171	.1015	.1031	.1012	.1024	.1032	.1051	.1073		.1044	.1041	.1029	.1029
205.				.1407	.1396	.1399	.1421	.1426	.1425	.1422	.1410	.1395	.1402	.1397
220.			.1376	.1392	.1396		.1403	.1408	.1414	.1407	.1398	.1395	.1397	.1389
235.	.1503	.1565	.1413	.1433	.1434	.1432	.1580	.1417	.1428	.1430	.1427	.1431	.1425	.1429
250.		.1568	.1500	.1559	.1543	.1540	.1535	.1542	.1543	.1528	.1527	.1518	.1527	.1530
260.				.1654	.1629	.1631	.1694	.1689	.1667	.1661	.1654	.1653	.1649	.1643
270.		.1678	.1597	.1580	.1549	.1590	.1569	.1577	.1582	.1590	.1592	.1554	.1558	.1541
						FOR ALPHA = -2.36 DEG								
90.		.1788	.1536	.1654	.1627	.1703	.1707	.1723	.1718	.1733	.1723	.1689	.1694	.1694
100.				.1184	.1179	.1203	.1223	.1198	.1182	.1177	.1170	.1163	.1153	.1152
110.		.0892	.0832	.0863	.0839	.0840	.0832	.0832	.0833	.0825	.0825	.0817	.0824	.0829
125.	.0772	.0784	.0681	.0668	.0686	.0684	.0912	.0668	.0671	.0670	.0660	.0666	.0669	.0675
140.			.0625	.0634	.0611		.0634	.0634	.0637	.0635	.0629	.0635	.0641	.0634
155.				.0621	.0615	.0619	.0602	.0600	.0626	.0651	.0643	.0635	.0637	.0626
180.	.1201	.1199	.1021	.1041	.1021	.1032	.1055	.1064	.1084		.1062	.1056	.1041	.1041
205.				.1428	.1417	.1398	.1435	.1464	.1461	.1454	.1448	.1432	.1435	.1429
220.			.1402	.1424	.1486		.1443	.1448	.1459	.1450	.1446	.1444	.1442	.1437
235.	.1566	.1609	.1475	.1526	.1482	.1490	.1645	.1485	.1491	.1492	.1491	.1494	.1487	.1496
250.		.1666	.1578	.1668	.1626	.1645	.1654	.1648	.1649	.1634	.1631	.1622	.1630	.1635
260.				.1785	.1794	.1812	.1859	.1846	.1829	.1820	.1812	.1810	.1802	.1793
270.		.1895	.1753	.1739	.1718	.1782	.1750	.1762	.1762	.1770	.1768	.1724	.1730	.1711
						FOR ALPHA = -1.35 DEG								
90.		.1981	.1706	.1845	.1801	.1890	.1898	.1916	.1907	.1921	.1910	.1873	.1878	.1869
100.				.1309	.1302	.1333	.1351	.1326	.1310	.1300	.1297	.1287	.1274	.1270
110.		.0963	.0877	.0927	.0909	.0902	.0898	.0896	.0904	.0893	.0898	.0888	.0892	.0890
125.	.0796	.0807	.0722	.0677	.0715	.0717	.0938	.0699	.0704	.0701	.0698	.0701	.0705	.0708
140.			.0644	.0651	.0641		.0660	.0653	.0654	.0651	.0652	.0654	.0657	.0650
155.				.0634	.0629	.0623	.0626	.0642	.0653	.0658	.0655	.0644	.0648	.0635
180.	.1210	.1216	.1019	.1048	.1030	.1020	.1057	.1077	.1101		.1069	.1062	.1049	.1047
205.				.1455	.1421	.1446	.1468	.1489	.1484	.1479	.1472	.1459	.1460	.1451
220.			.1418	.1462	.1486		.1485	.1492	.1503	.1493	.1489	.1488	.1484	.1473
235.	.1626	.1664	.1524	.1586	.1555	.1552	.1710	.1549	.1556	.1559	.1559	.1559	.1554	.1557
250.		.1774	.1658	.1781	.1723	.1755	.1759	.1759	.1761	.1744	.1742	.1728	.1735	.1735
260.				.1924	.1954	.1975	.2029	.2012	.1986	.1974	.1965	.1958	.1950	.1943
270.		.2053	.1963	.1912	.1909	.1977	.1958	.1957	.1951	.1956	.1945	.1900	.1908	.1891
						FOR ALPHA = -.35 DEG								
90.		.2180	.1866	.2040	.1984	.2087	.2092	.2118	.2109	.2118	.2100	.2058	.2070	.2061
100.				.1448	.1430	.1469	.1489	.1464	.1446	.1435	.1425	.1412	.1403	.1397
110.		.1036	.0902	.0981	.0969	.0967	.0969	.0972	.0981	.0969	.0973	.0958	.0958	.0958
125.	.0829	.0828	.0770	.0708	.0754	.0744	.0964	.0732	.0736	.0737	.0732	.0733	.0738	.0740
140.			.0665	.0656	.0671		.0680	.0671	.0672	.0668	.0662	.0662	.0665	.0661
155.				.0646	.0637	.0649	.0654	.0658	.0649	.0653	.0650	.0646	.0652	.0643
180.	.1210	.1207	.1027	.1052	.1041	.1032	.1064	.1062	.1096		.1079	.1071	.1055	.1056
205.				.1482	.1452	.1493	.1497	.1519	.1515	.1507	.1502	.1487	.1485	.1478
220.			.1469	.1490	.1517		.1529	.1533	.1540	.1535	.1533	.1531	.1528	.1515
235.	.1684	.1719	.1591	.1642	.1612	.1618	.1775	.1612	.1623	.1626	.1631	.1628	.1628	.1628
250.		.1864	.1728	.1858	.1829	.1870	.1873	.1874	.1879	.1860	.1864	.1840	.1848	.1848
260.				.2102	.2118	.2141	.2206	.2184	.2158	.2145	.2133	.2124	.2122	.2111
270.		.2259	.2166	.2099	.2101	.2178	.2162	.2169	.2160	.2160	.2143	.2097	.2106	.2081
						FOR ALPHA = .65 DEG								
90.		.2389	.2053	.2228	.2191	.2288	.2295	.2326	.2314	.2327	.2314	.2272	.2275	.2263
100.				.1597	.1577	.1616	.1634	.1613	.1590	.1581	.1572	.1560	.1546	.1540
110.		.1118	.0968	.1052	.1044	.1047	.1046	.1054	.1063	.1054	.1061	.1042	.1040	.1043
125.	.0860	.0858	.0823	.0759	.0795	.0783	.0999	.0769	.0775	.0776	.0774	.0779	.0779	.0777
140.			.0678	.0664	.0696		.0695	.0694	.0697	.0689	.0682	.0681	.0684	.0679
155.				.0653	.0650	.0662	.0671	.0668	.0659	.0663	.0660	.0655	.0662	.0656
180.	.1207	.1210	.1040	.1060	.1055	.1043	.1053	.1076	.1102		.1080	.1076	.1064	.1066
205.				.1502	.1485	.1525	.1516	.1529	.1525	.1523	.1520	.1504	.1508	.1497
220.			.1513	.1598	.1564		.1572	.1571	.1574	.1569	.1565	.1566	.1564	.1552
235.	.1741	.1779	.1634	.1723	.1677	.1683	.1836	.1675	.1691	.1692	.1693	.1693	.1692	.1688
250.		.1994	.1832	.1960	.1942	.1987	.1982	.1988	.1995	.1976	.1979	.1953	.1964	.1965
260.				.2267	.2296	.2316	.2374	.2356	.2331	.2318	.2304	.2299	.2288	.2281
270.		.2469	.2319	.2304	.2313	.2388	.2358	.2370	.2368	.2371	.2351	.2298	.2301	.2281

TABLE II. - CONTINUED

(K) MACH = 3.95, BETA = 3.00 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = -5.35 DEG								
90.	.1208	.1205	.1190	.1213	.1204	.1168	.1170	.1187	.1169	.1153	.1146	.1139	.1136	90.
100.		.0823	.0814	.0807	.0808	.0802	.0804	.0809	.0805	.0800	.0787	.0795	.0779	100.
110.	.0654	.0635	.0642	.0651	.0644	.0627	.0627	.0625	.0631	.0626	.0618	.0627	.0632	110.
125.	.0566	.0579	.0567	.0565		.0559	.0564	.0565	.0568	.0560	.0551	.0552	.0526	125.
140.	.0564	.0566	.0556	.0562	.0565	.0553	.0554	.0554	.0551	.0540	.0527	.0519	.0505	140.
155.	.0566	.0568	.0568	.0566	.0555	.0557	.0562	.0555		.0550	.0530	.0540	.0531	155.
180.	.0999	.1012	.0997	.0998	.0986	.0988	.0990	.0991	.0994	.0989	.0998	.0999	.1003	180.
205.	.1333	.1341	.1335	.1340	.1333	.1346	.1348	.1327		.1319	.1314	.1322	.1296	205.
220.	.1300	.1312	.1292	.1302	.1312	.1307	.1309	.1302	.1297	.1288	.1278	.1261	.1222	220.
235.	.1275	.1301	.1277	.1276		.1283	.1294	.1296	.1294	.1288	.1282	.1270	.1235	235.
250.	.1330	.1309	.1318	.1322	.1317	.1306	.1311	.1308	.1316	.1314	.1312	.1322	.1318	250.
260.		.1358	.1355	.1349	.1348	.1347	.1356	.1360	.1348	.1339	.1335	.1344	.1317	260.
270.	.1227	.1219	.1212	.1242	.1223	.1200	.1210	.1214	.1198	.1187	.1191	.1192	.1174	270.
						FOR ALPHA = -3.35 DEG								
90.	.1530	.1524	.1512	.1539	.1526	.1485	.1489	.1506	.1481	.1459	.1461	.1451	.1446	90.
100.		.1026	.1015	.1009	.1008	.1005	.1010	.1013	.1007	.1002	.0992	.1003	.0983	100.
110.	.0768	.0747	.0754	.0763	.0752	.0736	.0739	.0740	.0743	.0738	.0738	.0753	.0752	110.
125.	.0626	.0644	.0635	.0635		.0628	.0630	.0632	.0627	.0616	.0613	.0613	.0583	125.
140.	.0607	.0611	.0603	.0607	.0611	.0595	.0594	.0597	.0591	.0575	.0572	.0565	.0545	140.
155.	.0606	.0605	.0601	.0596	.0587	.0589	.0595	.0588		.0582	.0570	.0583	.0567	155.
180.	.1026	.1035	.1021	.1019	.1009	.1014	.1019	.1020	.1013	.1010	.1018	.1022	.1024	180.
205.	.1401	.1402	.1393	.1391	.1381	.1393	.1395	.1379		.1374	.1366	.1378	.1356	205.
220.	.1392	.1403	.1382	.1387	.1389	.1385	.1383	.1384	.1380	.1366	.1354	.1341	.1303	220.
235.	.1401	.1431	.1408	.1410		.1416	.1417	.1421	.1417	.1400	.1395	.1387	.1350	235.
250.	.1527	.1508	.1513	.1523	.1515	.1503	.1503	.1507	.1517	.1507	.1510	.1521	.1518	250.
260.		.1639	.1624	.1622	.1622	.1619	.1625	.1632	.1620	.1607	.1608	.1614	.1589	260.
270.	.1546	.1536	.1521	.1555	.1531	.1502	.1513	.1517	.1502	.1488	.1493	.1488	.1468	270.
						FOR ALPHA = -2.36 DEG								
90.	.1697	.1700	.1681	.1710	.1692	.1651	.1656	.1674	.1648	.1624	.1625	.1613	.1611	90.
100.		.1139	.1127	.1123	.1119	.1115	.1120	.1127	.1117	.1108	.1100	.1112	.1091	100.
110.	.0831	.0807	.0817	.0828	.0818	.0803	.0806	.0808	.0809	.0797	.0800	.0817	.0814	110.
125.	.0658	.0677	.0667	.0668		.0663	.0665	.0667	.0658	.0643	.0640	.0644	.0612	125.
140.	.0633	.0635	.0623	.0626	.0629	.0616	.0618	.0621	.0615	.0597	.0594	.0588	.0565	140.
155.	.0621	.0620	.0618	.0612	.0603	.0608	.0613	.0606		.0599	.0587	.0603	.0582	155.
180.	.1037	.1047	.1034	.1033	.1024	.1030	.1036	.1033	.1025	.1018	.1025	.1031	.1029	180.
205.	.1428	.1423	.1413	.1414	.1404	.1419	.1427	.1409		.1404	.1394	.1408	.1385	205.
220.	.1434	.1439	.1418	.1424	.1424	.1422	.1420	.1421	.1419	.1410	.1395	.1383	.1348	220.
235.	.1464	.1495	.1474	.1473		.1478	.1475	.1475	.1472	.1464	.1451	.1444	.1411	235.
250.	.1628	.1608	.1617	.1627	.1621	.1608	.1608	.1607	.1619	.1615	.1610	.1625	.1621	250.
260.		.1787	.1771	.1765	.1768	.1765	.1768	.1774	.1761	.1751	.1750	.1764	.1739	260.
270.	.1722	.1711	.1694	.1727	.1701	.1667	.1679	.1684	.1664	.1652	.1658	.1656	.1636	270.
						FOR ALPHA = -1.35 DEG								
90.	.1879	.1879	.1863	.1893	.1875	.1831	.1836	.1851	.1823	.1804	.1803	.1787	.1783	90.
100.		.1258	.1245	.1240	.1237	.1234	.1239	.1240	.1232	.1231	.1219	.1225	.1205	100.
110.	.0887	.0871	.0882	.0894	.0885	.0873	.0874	.0870	.0871	.0868	.0868	.0876	.0875	110.
125.	.0687	.0707	.0693	.0694		.0690	.0688	.0687	.0679	.0675	.0674	.0667	.0639	125.
140.	.0647	.0650	.0636	.0640	.0645	.0631	.0630	.0632	.0627	.0619	.0615	.0601	.0583	140.
155.	.0633	.0632	.0627	.0624	.0617	.0622	.0625	.0617		.0616	.0602	.0609	.0597	155.
180.	.1046	.1058	.1047	.1046	.1037	.1041	.1041	.1034	.1030	.1021	.1029	.1033	.1035	180.
205.	.1455	.1451	.1441	.1436	.1432	.1445	.1451	.1433		.1421	.1416	.1429	.1405	205.
220.	.1476	.1481	.1456	.1458	.1461	.1456	.1456	.1459	.1457	.1439	.1427	.1418	.1381	220.
235.	.1529	.1560	.1536	.1534		.1533	.1533	.1534	.1528	.1514	.1503	.1505	.1464	235.
250.	.1734	.1712	.1724	.1739	.1732	.1715	.1715	.1712	.1720	.1711	.1702	.1724	.1713	250.
260.		.1941	.1929	.1926	.1924	.1917	.1921	.1928	.1908	.1898	.1894	.1911	.1882	260.
270.	.1896	.1892	.1879	.1916	.1885	.1849	.1855	.1859	.1837	.1818	.1826	.1827	.1807	270.
						FOR ALPHA = -.35 DEG								
90.	.2066	.2063	.2049	.2084	.2068	.2016	.2019	.2036	.2009	.1983	.1984	.1973	.1967	90.
100.		.1380	.1367	.1362	.1362	.1357	.1358	.1362	.1360	.1351	.1338	.1346	.1331	100.
110.	.0960	.0941	.0955	.0964	.0956	.0938	.0941	.0936	.0942	.0931	.0931	.0940	.0945	110.
125.	.0717	.0733	.0718	.0716		.0710	.0712	.0712	.0708	.0697	.0694	.0692	.0669	125.
140.	.0663	.0665	.0651	.0655	.0655	.0644	.0643	.0644	.0640	.0627	.0621	.0611	.0596	140.
155.	.0646	.0643	.0640	.0638	.0626	.0633	.0635	.0626		.0617	.0605	.0614	.0600	155.
180.	.1056	.1068	.1059	.1058	.1048	.1048	.1049	.1042	.1030	.1019	.1028	.1033	.1032	180.
205.	.1482	.1474	.1470	.1466	.1461	.1470	.1482	.1462		.1442	.1437	.1451	.1424	205.
220.	.1521	.1517	.1498	.1499	.1501	.1495	.1498	.1499	.1498	.1474	.1468	.1455	.1412	220.
235.	.1596	.1619	.1599	.1595		.1591	.1595	.1594	.1591	.1577	.1570	.1569	.1524	235.
250.	.1842	.1823	.1839	.1849	.1844	.1821	.1826	.1818	.1828	.1825	.1811	.1835	.1820	250.
260.		.2101	.2087	.2084	.2089	.2084	.2086	.2092	.2068	.2068	.2047	.2070	.2039	260.
270.	.2091	.2079	.2069	.2111	.2078	.2049	.2046	.2053	.2024	.2010	.2015	.2013	.1993	270.
						FOR ALPHA = .65 DEG								
90.	.2268	.2264	.2249	.2285	.2269	.2219	.2227	.2236	.2206	.2182	.2186	.2171	.2160	90.
100.		.1520	.1501	.1494	.1495	.1496	.1497	.1498	.1493	.1490	.1479	.1487	.1464	100.
110.	.1042	.1025	.1035	.1039	.1032	.1018	.1020	.1015	.1019	.1013	.1011	.1024	.1019	110.
125.	.0751	.0766	.0748	.0742		.0746	.0746	.0746	.0740	.0734	.0729	.0727	.0699	125.
140.	.0681	.0683	.0667	.0669	.0674	.0662	.0660	.0660	.0659	.0648	.0642	.0630	.0609	140.
155.	.0659	.0658	.0655	.0650	.0643	.0648	.0649	.0638		.0631	.0614	.0622	.0609	155.
180.	.1064	.1077	.1067	.1064	.1053	.1053	.1053	.1044	.1032	.1024	.1030	.1032	.1032	180.
205.	.1502	.1503	.1497	.1490	.1481	.1493	.1498	.1479		.1461	.1456	.1464	.1443	205.
220.	.1555	.1555	.1536	.1536	.1532	.1529	.1530	.1531	.1530	.1514	.1506	.1485	.1445	220.
235.	.1655	.1682	.1654	.1649		.1647	.1650	.1651	.1647	.1639	.1636	.1628	.1589	235.
250.	.1957	.1935	.1946	.1954	.1946	.1927	.1931	.1927	.1933	.1929	.1921	.1940	.1932	250.
260.		.2265	.2247	.2246	.2248	.2240	.2250	.2256	.2231	.2226	.2210	.2231	.2203	260.
270.	.2284	.2275	.2266	.2311	.2276	.2235	.2240	.2244	.2219	.2204	.2212	.2204	.2181	270.

TABLE II. - CONTINUED

(K) MACH = 3.95, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 1.65 DEG								
90.		.2613	.2252	.2416	.2416	.2514	.2518	.2542	.2533	.2544	.2526	.2487	.2488	.2471
100.				.1739	.1739	.1773	.1789	.1762	.1741	.1730	.1717	.1707	.1694	.1685
110.		.1197	.1049	.1130	.1119	.1125	.1129	.1137	.1146	.1133	.1136	.1115	.1122	.1124
125.	.0889	.0886	.0863	.0810	.0828	.0809	.1027	.0802	.0805	.0805	.0803	.0808	.0809	.0803
140.			.0680	.0704	.0732		.0707	.0707	.0708	.0698	.0691	.0690	.0693	.0684
155.				.0652	.0658	.0676	.0670	.0675	.0668	.0661	.0655	.0651	.0659	.0654
180.	.1198	.1210	.1035	.1056	.1058	.1048	.1066	.1088	.1096		.1076	.1075	.1066	.1066
205.				.1503	.1520	.1537	.1548	.1554	.1542	.1543	.1539	.1523	.1528	.1516
220.			.1562	.1624	.1615		.1610	.1608	.1617	.1606	.1601	.1601	.1599	.1584
235.	.1799	.1841	.1685	.1779	.1744	.1756	.1896	.1740	.1760	.1763	.1763	.1759	.1758	.1749
250.		.2108	.1929	.2082	.2059	.2110	.2108	.2109	.2120	.2098	.2100	.2075	.2082	.2083
260.				.2418	.2493	.2507	.2561	.2540	.2513	.2498	.2493	.2481	.2470	.2454
270.		.2688	.2539	.2508	.2533	.2607	.2579	.2586	.2580	.2586	.2575	.2515	.2515	.2491
						FOR ALPHA = 2.65 DEG								
90.		.2811	.2463	.2611	.2649	.2736	.2737	.2761	.2740	.2757	.2748	.2702	.2699	.2684
100.				.1884	.1911	.1935	.1948	.1919	.1892	.1879	.1873	.1861	.1848	.1834
110.		.1274	.1138	.1206	.1201	.1210	.1217	.1221	.1234	.1215	.1218	.1203	.1212	.1211
125.	.0922	.0914	.0882	.0864	.0858	.0847	.1056	.0833	.0838	.0842	.0842	.0843	.0841	.0833
140.			.0689	.0737	.0746		.0722	.0718	.0721	.0712	.0704	.0705	.0708	.0698
155.				.0656	.0656	.0690	.0678	.0683	.0669	.0667	.0660	.0656	.0664	.0657
180.	.1188	.1213	.1020	.1050	.1057	.1060	.1067	.1082	.1096		.1073	.1075	.1065	.1068
205.				.1509	.1547	.1549	.1569	.1573	.1560	.1556	.1550	.1543	.1547	.1540
220.			.1597	.1652	.1655		.1640	.1646	.1652	.1643	.1632	.1635	.1630	.1619
235.	.1862	.1900	.1699	.1836	.1807	.1833	.1953	.1808	.1825	.1829	.1826	.1822	.1816	.1805
250.		.2222	.2067	.2213	.2190	.2238	.2230	.2236	.2245	.2217	.2215	.2194	.2206	.2204
260.				.2600	.2695	.2702	.2751	.2726	.2692	.2681	.2672	.2661	.2650	.2637
270.		.2908	.2774	.2728	.2769	.2841	.2806	.2810	.2801	.2810	.2788	.2725	.2726	.2701
						FOR ALPHA = 4.65 DEG								
90.		.3261	.2887	.3047	.3112	.3217	.3213	.3230	.3200	.3224	.3193	.3140	.3145	.3129
100.				.2190	.2262	.2285	.2290	.2253	.2216	.2202	.2203	.2188	.2166	.2154
110.		.1448	.1325	.1347	.1375	.1387	.1401	.1402	.1415	.1384	.1402	.1391	.1397	.1394
125.	.0986	.0979	.0925	.0934	.0903	.0914	.1117	.0897	.0912	.0916	.0911	.0904	.0903	.0905
140.			.0677	.0723	.0759		.0741	.0737	.0741	.0735	.0730	.0734	.0733	.0718
155.				.0663	.0677	.0683	.0678	.0683	.0677	.0674	.0664	.0659	.0667	.0658
180.	.1156	.1222	.0991	.1044	.1030	.1057	.1054	.1069	.1081		.1054	.1058	.1051	.1054
205.				.1528	.1576	.1575	.1601	.1600	.1588	.1588	.1588	.1574	.1582	.1575
220.			.1608	.1744	.1700		.1707	.1711	.1717	.1711	.1707	.1706	.1702	.1689
235.	.1986	.2032	.1818	.1912	.1926	.1956	.2076	.1939	.1956	.1959	.1954	.1942	.1940	.1938
250.		.2465	.2360	.2385	.2454	.2488	.2488	.2486	.2489	.2458	.2470	.2445	.2450	.2447
260.				.2965	.3081	.3096	.3150	.3112	.3072	.3056	.3037	.3027	.3008	.2992
270.		.3368	.3227	.3182	.3245	.3321	.3280	.3278	.3255	.3273	.3230	.3169	.3170	.3139
						FOR ALPHA = 9.65 DEG								
90.		.4554	.3983	.4378	.4375	.4499	.4504	.4540	.4508	.4523	.4432	.4366	.4372	.4366
100.				.3121	.3175	.3217	.3225	.3173	.3133	.3115	.3079	.3055	.3028	.3021
110.		.1987	.1866	.1821	.1869	.1901	.1925	.1919	.1925	.1929	.1953	.1919	.1918	.1918
125.	.1186	.1208	.1036	.1117	.1116	.1128	.1316	.1138	.1152	.1127	.1143	.1157	.1160	.1150
140.			.0646	.0844	.0811		.0795	.0792	.0811	.0814	.0806	.0790	.0797	.0802
155.				.0687	.0674	.0661	.0667	.0667	.0664	.0662	.0664	.0648	.0651	.0637
180.	.1072	.1244	.0901	.0972	.0990	.0999	.1005	.1000	.1008		.0986	.0987	.0976	.0974
205.				.1647	.1620	.1639	.1653	.1660	.1663	.1667	.1660	.1634	.1625	.1611
220.			.1618	.1856	.1854		.1858	.1879	.1899	.1879	.1859	.1870	.1873	.1857
235.	.2298	.2365	.2176	.2243	.2253	.2285	.2415	.2292	.2287	.2296	.2308	.2300	.2299	.2282
250.		.3096	.3033	.2960	.3084	.3138	.3144	.3139	.3154	.3122	.3109	.3076	.3071	.3075
260.				.4042	.4107	.4150	.4207	.4167	.4119	.4087	.4020	.4007	.3981	.3968
270.		.4655	.4196	.4512	.4536	.4617	.4577	.4598	.4565	.4575	.4477	.4400	.4399	.4371
						FOR ALPHA = 14.65 DEG								
90.		.6019	.5368	.5832	.5795	.5901	.5926	.5985	.5965	.6004	.5880	.5784	.5794	.5770
100.				.4186	.4208	.4248	.4223	.4198	.4142	.4131	.4062	.4026	.3993	.3970
110.		.2620	.2472	.2424	.2462	.2486	.2494	.2471	.2529	.2516	.2552	.2517	.2515	.2510
125.	.1429	.1489	.1327	.1390	.1402	.1407	.1588	.1411	.1402	.1441	.1447	.1443	.1447	.1440
140.			.0674	.0986	.0945		.0906	.0920	.0932	.0904	.0936	.0951	.0937	.0923
155.				.0676	.0671	.0676	.0666	.0662	.0665	.0664	.0640	.0650	.0679	.0670
180.	.1002	.1327	.0932	.0898	.0895	.0900	.0912	.0900	.0906		.0877	.0871	.0870	.0884
205.				.1717	.1696	.1688	.1711	.1724	.1703	.1681	.1713	.1701	.1709	.1693
220.			.1686	.2060	.2032		.2027	.2021	.2041	.2043	.2054	.2052	.2041	.2024
235.	.2635	.2739	.2576	.2577	.2627	.2647	.2736	.2624	.2652	.2655	.2657	.2656	.2662	.2641
250.		.3791	.3681	.3706	.3796	.3815	.3805	.3820	.3856	.3825	.3797	.3758	.3755	.3757
260.				.5204	.5261	.5292	.5339	.5309	.5258	.5239	.5135	.5118	.5079	.5063
270.		.6094	.5586	.6010	.5969	.6024	.6013	.6056	.6027	.6059	.5911	.5815	.5817	.5776
						FOR ALPHA = 19.65 DEG								
90.		.7609	.6825	.7463	.7340	.7429	.7496	.7524	.7487	.7523	.7420	.7350	.7371	.7362
100.				.5336	.5338	.5356	.5350	.5268	.5201	.5180	.5090	.5072	.5029	.5023
110.		.3303	.3095	.3072	.3108	.3116	.3108	.3094	.3134	.3116	.3148	.3127	.3131	.3137
125.	.1711	.1820	.1723	.1703	.1726	.1749	.1889	.1719	.1754	.1749	.1759	.1758	.1775	.1773
140.			.0849	.1133	.1107		.1103	.1080	.1117	.1128	.1126	.1123	.1121	.1111
155.				.0815	.0778	.0753	.0748	.0763	.0729	.0757	.0770	.0751	.0759	.0751
180.	.1024	.1464	.0986	.0910	.0896	.0888	.0901	.0884	.0877		.0874	.0901	.0889	.0883
205.				.1788	.1801	.1806	.1811	.1811	.1814	.1832	.1824	.1801	.1814	.1803
220.			.1883	.2241	.2253		.2238	.2227	.2278	.2257	.2266	.2267	.2261	.2242
235.	.2998	.3153	.2892	.2946	.3028	.3059	.3111	.3023	.3041	.3034	.3036	.3032	.3050	.3028
250.		.4576	.4203	.4468	.4545	.4534	.4560	.4538	.4580	.4547	.4528	.4490	.4496	.4509
260.				.6510	.6506	.6521	.6580	.6501	.6430	.6412	.6318	.6316	.6289	.6278
270.		.7707	.7099	.7655	.7521	.7571	.7579	.7591	.7542	.7596	.7478	.7387	.7404	.7359

TABLE II. - CONTINUED

(K) MACH = 3.95, BETA = 3.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 1.65 DEG								
90.	.2483	.2475	.2455	.2493	.2481	.2428	.2436	.2444	.2414	.2392	.2395	.2372	.2363	90.
100.		.1661	.1638	.1632	.1636	.1635	.1636	.1639	.1630	.1631	.1618	.1625	.1601	100.
110.	.1126	.1104	.1112	.1118	.1108	.1095	.1098	.1092	.1098	.1092	.1093	.1101	.1099	110.
125.	.0778	.0793	.0777	.0776		.0777	.0775	.0774	.0768	.0765	.0758	.0755	.0727	125.
140.	.0688	.0690	.0674	.0676	.0681	.0671	.0670	.0672	.0670	.0662	.0654	.0643	.0623	140.
155.	.0661	.0663	.0659	.0655	.0648	.0655	.0653	.0640		.0637	.0621	.0626	.0615	155.
180.	.1066	.1077	.1067	.1060	.1050	.1051	.1048	.1039	.1036	.1025	.1030	.1035	.1034	180.
205.	.1527	.1524	.1522	.1516	.1509	.1518	.1522	.1496		.1480	.1475	.1490	.1460	205.
220.	.1592	.1593	.1569	.1572	.1571	.1566	.1566	.1568	.1562	.1550	.1541	.1529	.1482	220.
235.	.1716	.1739	.1714	.1710		.1714	.1714	.1718	.1705	.1703	.1697	.1696	.1656	235.
250.	.2078	.2050	.2059	.2068	.2058	.2040	.2042	.2041	.2044	.2050	.2033	.2059	.2050	250.
260.		.2439	.2416	.2416	.2419	.2415	.2419	.2428	.2401	.2406	.2379	.2397	.2370	260.
270.	.2498	.2484	.2467	.2520	.2488	.2451	.2450	.2451	.2423	.2416	.2410	.2407	.2386	270.
						FOR ALPHA = 2.65 DEG								
90.	.2689	.2686	.2669	.2702	.2686	.2635	.2646	.2655	.2625	.2595	.2595	.2581	.2569	90.
100.		.1808	.1787	.1775	.1776	.1776	.1778	.1782	.1774	.1773	.1753	.1766	.1742	100.
110.	.1210	.1189	.1198	.1198	.1189	.1176	.1181	.1175	.1180	.1170	.1166	.1181	.1180	110.
125.	.0811	.0832	.0820	.0813		.0811	.0810	.0803	.0797	.0789	.0786	.0784	.0758	125.
140.	.0705	.0701	.0689	.0689	.0692	.0686	.0685	.0682	.0681	.0669	.0666	.0652	.0630	140.
155.	.0669	.0668	.0666	.0660	.0651	.0658	.0659	.0642		.0631	.0618	.0626	.0613	155.
180.	.1068	.1079	.1066	.1058	.1049	.1045	.1046	.1035	.1028	.1018	.1023	.1026	.1025	180.
205.	.1550	.1545	.1543	.1535	.1532	.1534	.1536	.1513		.1493	.1487	.1500	.1474	205.
220.	.1629	.1628	.1608	.1608	.1611	.1597	.1599	.1600	.1597	.1585	.1578	.1558	.1513	220.
235.	.1776	.1805	.1781	.1779		.1774	.1777	.1775	.1768	.1764	.1761	.1753	.1712	235.
250.	.2198	.2165	.2175	.2185	.2174	.2152	.2161	.2155	.2164	.2165	.2152	.2172	.2164	250.
260.		.2612	.2593	.2589	.2595	.2588	.2603	.2604	.2578	.2579	.2553	.2576	.2544	260.
270.	.2707	.2693	.2686	.2729	.2695	.2663	.2671	.2667	.2638	.2625	.2625	.2621	.2599	270.
						FOR ALPHA = 4.65 DEG								
90.	.3131	.3125	.3098	.3137	.3114	.3083	.3096	.3108	.3069	.3040	.3044	.3020	.3008	90.
100.		.2123	.2091	.2084	.2082	.2081	.2084	.2090	.2080	.2077	.2061	.2067	.2046	100.
110.	.1387	.1366	.1373	.1378	.1367	.1346	.1354	.1348	.1352	.1351	.1345	.1357	.1356	110.
125.	.0888	.0916	.0891	.0885		.0880	.0875	.0874	.0865	.0860	.0852	.0849	.0821	125.
140.	.0719	.0724	.0707	.0714	.0717	.0710	.0705	.0704	.0700	.0683	.0673	.0660	.0639	140.
155.	.0665	.0664	.0656	.0650	.0642	.0651	.0650	.0637		.0626	.0612	.0625	.0612	155.
180.	.1051	.1061	.1049	.1042	.1029	.1030	.1029	.1019	.1015	.1003	.1008	.1011	.1011	180.
205.	.1576	.1576	.1568	.1563	.1551	.1557	.1557	.1529		.1518	.1513	.1526	.1507	205.
220.	.1685	.1688	.1666	.1670	.1669	.1667	.1665	.1659	.1660	.1645	.1636	.1618	.1571	220.
235.	.1905	.1943	.1909	.1900		.1898	.1895	.1892	.1890	.1885	.1882	.1880	.1835	235.
250.	.2433	.2405	.2417	.2419	.2409	.2387	.2391	.2389	.2402	.2400	.2392	.2418	.2406	250.
260.		.2965	.2935	.2930	.2937	.2947	.2960	.2970	.2943	.2944	.2916	.2939	.2907	260.
270.	.3140	.3125	.3110	.3160	.3120	.3101	.3115	.3112	.3079	.3069	.3069	.3061	.3032	270.
						FOR ALPHA = 9.65 DEG								
90.	.4364	.4358	.4324	.4371	.4327	.4321	.4337	.4335	.4308	.4286	.4275	.4261	.4241	90.
100.		.2976	.2937	.2924	.2917	.2925	.2925	.2936	.2931	.2944	.2910	.2932	.2912	100.
110.	.1914	.1883	.1897	.1901	.1878	.1856	.1862	.1854	.1859	.1865	.1859	.1884	.1876	110.
125.	.1125	.1147	.1124	.1123		.1112	.1104	.1101	.1089	.1093	.1084	.1086	.1055	125.
140.	.0805	.0795	.0779	.0784	.0783	.0764	.0760	.0761	.0756	.0746	.0746	.0734	.0708	140.
155.	.0646	.0649	.0649	.0640	.0630	.0626	.0626	.0616		.0612	.0601	.0613	.0596	155.
180.	.0974	.0980	.0968	.0958	.0948	.0947	.0955	.0952	.0949	.0934	.0937	.0938	.0934	180.
205.	.1632	.1635	.1626	.1614	.1601	.1611	.1618	.1596		.1573	.1563	.1569	.1546	205.
220.	.1856	.1850	.1826	.1833	.1823	.1816	.1817	.1816	.1815	.1794	.1782	.1752	.1703	220.
235.	.2245	.2282	.2246	.2244		.2233	.2228	.2226	.2218	.2213	.2207	.2193	.2144	235.
250.	.3066	.3035	.3051	.3053	.3034	.3030	.3035	.3025	.3039	.3040	.3036	.3068	.3044	250.
260.		.3940	.3897	.3887	.3894	.3936	.3953	.3958	.3932	.3942	.3905	.3929	.3899	260.
270.	.4375	.4360	.4335	.4391	.4340	.4339	.4360	.4355	.4321	.4308	.4310	.4297	.4252	270.
						FOR ALPHA = 14.65 DEG								
90.	.5777	.5786	.5748	.5776	.5721	.5728	.5743	.5735	.5702	.5671	.5665	.5645	.5611	90.
100.		.3936	.3882	.3860	.3851	.3881	.3873	.3883	.3887	.3896	.3856	.3881	.3859	100.
110.	.2508	.2476	.2500	.2494	.2465	.2437	.2440	.2425	.2443	.2441	.2453	.2474	.2468	110.
125.	.1412	.1439	.1415	.1409		.1412	.1401	.1400	.1389	.1384	.1380	.1373	.1339	125.
140.	.0926	.0917	.0903	.0910	.0909	.0900	.0898	.0897	.0890	.0871	.0871	.0852	.0827	140.
155.	.0668	.0662	.0652	.0645	.0638	.0645	.0648	.0635		.0622	.0611	.0618	.0606	155.
180.	.0898	.0907	.0895	.0885	.0870	.0868	.0867	.0859	.0850	.0840	.0843	.0841	.0838	180.
205.	.1695	.1690	.1681	.1673	.1665	.1673	.1680	.1653		.1638	.1630	.1635	.1614	205.
220.	.2020	.2016	.1996	.2009	.2001	.1995	.1998	.1990	.1983	.1967	.1957	.1929	.1878	220.
235.	.2602	.2647	.2605	.2607		.2611	.2605	.2594	.2577	.2577	.2567	.2552	.2507	235.
250.	.3750	.3715	.3746	.3734	.3717	.3733	.3754	.3745	.3758	.3763	.3758	.3785	.3760	250.
260.		.5048	.4998	.4974	.4978	.5040	.5057	.5081	.5070	.5080	.5022	.5042	.5003	260.
270.	.5791	.5786	.5759	.5811	.5734	.5752	.5774	.5762	.5741	.5722	.5721	.5696	.5629	270.
						FOR ALPHA = 19.65 DEG								
90.	.7357	.7331	.7274	.7345	.7263	.7272	.7272	.7241	.7208	.7202	.7203	.7189	.7154	90.
100.		.4987	.4905	.4891	.4876	.4930	.4902	.4909	.4900	.4924	.4895	.4938	.4913	100.
110.	.3134	.3116	.3133	.3126	.3095	.3083	.3080	.3053	.3062	.3057	.3064	.3095	.3091	110.
125.	.1747	.1791	.1758	.1758		.1762	.1747	.1734	.1719	.1711	.1693	.1690	.1654	125.
140.	.1115	.1117	.1106	.1117	.1110	.1100	.1095	.1083	.1078	.1060	.1052	.1030	.1002	140.
155.	.0754	.0753	.0749	.0746	.0737	.0744	.0742	.0721		.0712	.0697	.0699	.0689	155.
180.	.0877	.0882	.0877	.0868	.0855	.0854	.0850	.0841	.0833	.0820	.0819	.0819	.0815	180.
205.	.1806	.1797	.1790	.1783	.1777	.1788	.1789	.1759		.1741	.1731	.1743	.1721	205.
220.	.2246	.2245	.2227	.2241	.2224	.2220	.2215	.2208	.2197	.2182	.2174	.2145	.2094	220.
235.	.3006	.3067	.3016	.3013		.3033	.3010	.3005	.2983	.2984	.2971	.2957	.2903	235.
250.	.4530	.4488	.4519	.4505	.4467	.4507	.4514	.4494	.4512	.4521	.4523	.4564	.4530	250.
260.		.6255	.6187	.6168	.6175	.6245	.6243	.6265	.6241	.6270	.6213	.6253	.6223	260.
270.	.7371	.7345	.7316	.7369	.7274	.7312	.7312	.7282	.7271	.7274	.7296	.7273	.7191	270.

TABLE II. - CONTINUED

(L) MACH = 3.95, BETA = 5.01 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -5.35 DEG							
0.	.3399	.3411	.3184	.3218	.3279	.3387	.3386	.3424	.3428	.3470	.3472	.3417	.3436	.3417
10.				.2009	.2115	.2136	.2153	.2135	.2112	.2119	.2135	.2127	.2111	.2107
20.		.1236	.1061	.1114	.1120	.1135	.1161	.1166	.1186	.1180	.1226	.1228	.1234	.1239
35.	.0746	.0723	.0614	.0666	.0649	.0656	.0846	.0652	.0676	.0684	.0675	.0681	.0707	.0720
50.			.0453	.0498	.0513	.0773	.0500	.0497	.0507	.0512	.0519	.0525	.0523	.0509
65.				.0430	.0447	.0461	.0459	.0463	.0459	.0463	.0463	.0460	.0466	.0462
90.	.0536	.0539	.0399	.0405	.0424	.0410	.0422	.0417	.0423	.0897	.0410	.0412	.0411	.0412
115.				.0396	.0392	.0391	.0390	.0392	.0381	.0400	.0403	.0400	.0401	.0391
130.			.0394	.0398	.0394		.0389	.0383	.0380	.0385	.0389	.0396	.0402	.0396
145.	.0518	.0528	.0402	.0420	.0406	.0369	.0647	.0392	.0400	.0392	.0379	.0401	.0415	.0427
160.		.0537	.0459	.0476	.0436	.0480	.0440	.0434	.0450	.0444	.0446	.0440	.0446	.0449
170.				.0661	.0654	.0664	.0672	.0677	.0661	.0658	.0652	.0651	.0644	.0640
180.		.1277	.1179	.1177	.1151	.1190	.1199	.1209	.1211	.1222	.1222	.1187	.1189	.1178
190.				.1511	.1478	.1470	.1543	.1549	.1535	.1530	.1523	.1524	.1523	.1513
200.		.1626	.1575	.1598	.1548	.1568	.1578	.1597	.1595	.1587	.1583	.1573	.1583	.1578
215.	.1662	.1755	.1594	.1603	.1551	.1589	.1751	.1599	.1608	.1608	.1599	.1601	.1593	.1600
230.			.1633	.1582	.1608		.1640	.1646	.1656	.1640	.1624	.1620	.1620	.1614
245.				.1665	.1668	.1680	.1683	.1704	.1699	.1686	.1674	.1658	.1662	.1661
270.	.1906	.1901	.1712	.1764	.1762	.1767	.1785	.1806	.1822	.2151	.1792	.1791	.1778	.1792
295.				.1902	.1920	.1930	.1950	.1952	.1949	.1962	.1975	.1967	.1978	.1984
310.			.1974	.2116	.2062	.2251	.2094	.2097	.2116	.2119	.2131	.2146	.2146	.2150
325.	.2343	.2421	.2275	.2309	.2346	.2377	.2460	.2361	.2396	.2419	.2432	.2438	.2458	.2468
340.		.2849	.2791	.2760	.2890	.2932	.2947	.2956	.2979	.2966	.3002	.3001	.3015	.3019
350.				.3280	.3450	.3479	.3565	.3549	.3524	.3541	.3558	.3564	.3563	.3550
							FOR ALPHA = -3.35 DEG							
0.	.2979	.2960	.2770	.2777	.2831	.2939	.2954	.2991	.2992	.3019	.3010	.2962	.2963	.2936
10.				.1741	.1803	.1845	.1848	.1845	.1827	.1813	.1824	.1810	.1793	.1777
20.		.1069	.0882	.0983	.0975	.0990	.1011	.1020	.1037	.1032	.1049	.1044	.1058	.1055
35.	.0702	.0679	.0598	.0627	.0617	.0621	.0809	.0613	.0630	.0641	.0642	.0641	.0644	.0645
50.			.0474	.0523	.0527	.0781	.0508	.0508	.0518	.0523	.0526	.0530	.0530	.0520
65.				.0470	.0472	.0478	.0486	.0491	.0483	.0487	.0485	.0484	.0489	.0485
90.	.0573	.0573	.0434	.0440	.0438	.0446	.0447	.0448	.0463	.0937	.0449	.0451	.0449	.0448
115.				.0430	.0420	.0422	.0414	.0408	.0405	.0415	.0426	.0431	.0435	.0425
130.			.0430	.0431	.0426		.0429	.0424	.0428	.0417	.0418	.0425	.0434	.0429
145.	.0554	.0559	.0457	.0452	.0452	.0432	.0705	.0441	.0429	.0419	.0432	.0441	.0451	.0460
160.		.0630	.0532	.0575	.0539	.0555	.0553	.0526	.0531	.0510	.0539	.0528	.0536	.0538
170.				.0898	.0850	.0889	.0881	.0866	.0861	.0852	.0852	.0840	.0830	.0827
180.		.1617	.1481	.1475	.1468	.1529	.1527	.1532	.1535	.1543	.1544	.1506	.1511	.1497
190.				.1831	.1796	.1790	.1867	.1866	.1845	.1838	.1830	.1826	.1831	.1820
200.		.1837	.1801	.1798	.1778	.1823	.1824	.1820	.1820	.1810	.1804	.1790	.1801	.1804
215.	.1804	.1886	.1725	.1720	.1763	.1740	.1880	.1738	.1747	.1749	.1742	.1742	.1735	.1742
230.			.1721	.1705	.1762		.1746	.1750	.1749	.1737	.1725	.1726	.1724	.1718
245.				.1746	.1734	.1774	.1759	.1776	.1766	.1753	.1746	.1733	.1743	.1733
270.	.1939	.1948	.1741	.1790	.1791	.1806	.1829	.1848	.1860	.2179	.1833	.1834	.1819	.1822
295.				.1858	.1914	.1918	.1948	.1958	.1950	.1958	.1970	.1962	.1975	.1967
310.			.1951	.2069	.2007	.2206	.2049	.2059	.2075	.2077	.2091	.2101	.2100	.2087
325.	.2223	.2293	.2137	.2197	.2217	.2268	.2359	.2257	.2289	.2306	.2326	.2328	.2323	.2319
340.		.2610	.2468	.2608	.2634	.2691	.2714	.2734	.2757	.2736	.2754	.2735	.2747	.2757
350.				.2910	.3072	.3083	.3190	.3191	.3163	.3159	.3169	.3169	.3159	.3139
							FOR ALPHA = -2.35 DEG							
0.	.2781	.2752	.2565	.2568	.2628	.2737	.2744	.2773	.2778	.2797	.2784	.2734	.2732	.2705
10.				.1620	.1661	.1707	.1709	.1695	.1684	.1672	.1675	.1657	.1637	.1629
20.		.0998	.0818	.0918	.0914	.0927	.0947	.0948	.0962	.0960	.0974	.0959	.0971	.0974
35.	.0685	.0664	.0591	.0611	.0611	.0607	.0800	.0598	.0613	.0618	.0619	.0624	.0624	.0621
50.			.0486	.0528	.0524	.0789	.0518	.0515	.0525	.0528	.0525	.0529	.0531	.0524
65.				.0475	.0479	.0490	.0503	.0502	.0501	.0503	.0497	.0494	.0498	.0494
90.	.0589	.0584	.0449	.0450	.0445	.0449	.0464	.0462	.0465	.0948	.0465	.0468	.0463	.0462
115.				.0435	.0428	.0430	.0430	.0431	.0434	.0451	.0443	.0443	.0447	.0436
130.			.0446	.0437	.0448		.0435	.0435	.0438	.0436	.0426	.0436	.0445	.0441
145.	.0569	.0570	.0475	.0467	.0465	.0475	.0729	.0456	.0451	.0451	.0442	.0461	.0467	.0471
160.		.0677	.0562	.0596	.0608	.0591	.0610	.0584	.0599	.0554	.0583	.0581	.0591	.0590
170.				.1018	.0957	.1012	.0983	.0971	.0969	.0964	.0959	.0950	.0933	.0929
180.		.1798	.1636	.1652	.1646	.1726	.1709	.1718	.1716	.1724	.1720	.1680	.1684	.1670
190.				.1952	.1969	.1978	.2040	.2031	.2010	.2006	.2005	.2003	.1994	.1988
200.		.1955	.1898	.1974	.1918	.1946	.1941	.1938	.1943	.1930	.1931	.1917	.1926	.1926
215.	.1886	.1948	.1795	.1848	.1833	.1817	.1963	.1806	.1822	.1829	.1828	.1825	.1821	.1827
230.			.1753	.1694	.1789		.1791	.1803	.1797	.1789	.1783	.1785	.1785	.1775
245.				.1738	.1805	.1785	.1802	.1817	.1802	.1797	.1795	.1778	.1781	.1773
270.	.1957	.1974	.1745	.1810	.1795	.1826	.1850	.1874	.1887	.2204	.1851	.1851	.1829	.1838
295.				.1869	.1910	.1906	.1943	.1953	.1944	.1956	.1964	.1959	.1957	.1950
310.			.1881	.2028	.1988	.2181	.2036	.2035	.2049	.2055	.2055	.2070	.2063	.2054
325.	.2161	.2232	.2083	.2156	.2145	.2201	.2310	.2214	.2234	.2248	.2252	.2261	.2256	.2254
340.		.2490	.2332	.2526	.2506	.2580	.2596	.2621	.2638	.2620	.2625	.2606	.2618	.2623
350.				.2744	.2897	.2905	.3001	.3005	.2977	.2974	.2972	.2975	.2962	.2941

TABLE II. - CONTINUED

(L) MACH = 3.95, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.35 DEG								
0.	.3438	.3418	.3397	.3442	.3410	.3373	.3402	.3425	.3402	.3388	.3399	.3390	.3368	0.
10.	.2325	.2070	.2043	.2032	.2027	.2034	.2042	.2052	.2053	.2070	.2058	.2071	.2062	10.
20.	.1230	.1216	.1227	.1232	.1220	.1204	.1206	.1198	.1208	.1216	.1227	.1235	.1240	20.
35.	.0698	.0715	.0700	.0698	.1051	.0692	.0688	.0677	.0668	.0673	.0669	.0665	.0646	35.
50.	.0506	.0519	.0514	.0520	.0521	.0506	.0502	.0495	.0491	.0484	.0478	.0461	.0443	50.
65.	.0460	.0458	.0452	.0447	.0436	.0449	.0454	.0440	.0930	.0441	.0428	.0429	.0416	65.
90.	.0411	.0421	.0415	.0412	.0400	.0402	.0404	.0400	.0406	.0391	.0396	.0399	.0402	90.
115.	.0393	.0395	.0397	.0397	.0389	.0395	.0399	.0394		.0383	.0365	.0375	.0366	115.
130.	.0397	.0402	.0393	.0397	.0406	.0392	.0390	.0391	.0388	.0371	.0366	.0358	.0346	130.
145.	.0403	.0418	.0402	.0399		.0394	.0393	.0395	.0393	.0376	.0375	.0380	.0355	145.
160.	.0454	.0439	.0444	.0453	.0444	.0432	.0432	.0431	.0432	.0419	.0418	.0432	.0435	160.
170.		.0620	.0608	.0606	.0604	.0604	.0606	.0611	.0606	.0595	.0591	.0601	.0586	170.
180.	.1180	.1174	.1163	.1188	.1175	.1146	.1150	.1162	.1147	.1126	.1129	.1123	.1120	180.
190.		.1512	.1507	.1503	.1503	.1498	.1505	.1515	.1501	.1483	.1481	.1489	.1458	190.
200.	.1574	.1553	.1560	.1571	.1568	.1555	.1564	.1566	.1572	.1560	.1547	.1567	.1559	200.
215.	.1564	.1596	.1572	.1573		.1588	.1596	.1601	.1598	.1580	.1568	.1559	.1519	215.
230.	.1617	.1630	.1616	.1625	.1631	.1627	.1625	.1621	.1615	.1600	.1589	.1570	.1533	230.
245.	.1670	.1676	.1672	.1673	.1661	.1677	.1686	.1661		.1651	.1647	.1654	.1633	245.
270.	.1785	.1805	.1788	.1787	.1773	.1774	.1782	.1768	.1757	.1755	.1766	.1763	.1755	270.
295.	.1985	.1983	.1973	.1963	.1954	.1964	.1970	.1932	.2227	.1907	.1906	.1913	.1884	295.
310.	.2144	.2148	.2126	.2127	.2132	.2127	.2127	.2110	.2106	.2080	.2067	.2037	.1986	310.
325.	.2428	.2470	.2438	.2427	.2653	.2421	.2419	.2402	.2391	.2376	.2378	.2365	.2327	325.
340.	.3013	.2988	.3014	.3007	.2999	.2967	.2968	.2953	.2976	.2985	.2983	.3005	.2985	340.
350.	.3745	.3544	.3524	.3506	.3514	.3500	.3527	.3539	.3529	.3536	.3504	.3524	.3481	350.
						FOR ALPHA = -3.35 DEG								
0.	.2941	.2928	.2914	.2970	.2952	.2925	.2942	.2952	.2921	.2924	.2933	.2927	.2907	0.
10.	.2030	.1743	.1723	.1719	.1726	.1737	.1741	.1748	.1734	.1758	.1748	.1768	.1748	10.
20.	.1051	.1029	.1039	.1041	.1036	.1029	.1034	.1031	.1033	.1038	.1047	.1060	.1057	20.
35.	.0633	.0652	.0639	.0632	.0998	.0624	.0620	.0619	.0609	.0618	.0614	.0612	.0587	35.
50.	.0516	.0512	.0500	.0503	.0512	.0497	.0494	.0492	.0485	.0484	.0477	.0467	.0444	50.
65.	.0487	.0484	.0479	.0473	.0463	.0463	.0461	.0449	.0927	.0449	.0436	.0443	.0427	65.
90.	.0447	.0453	.0445	.0440	.0429	.0428	.0430	.0427	.0437	.0419	.0421	.0422	.0423	90.
115.	.0429	.0427	.0426	.0422	.0414	.0418	.0422	.0416		.0416	.0395	.0406	.0395	115.
130.	.0434	.0437	.0428	.0432	.0438	.0421	.0417	.0419	.0416	.0405	.0394	.0385	.0375	130.
145.	.0443	.0460	.0447	.0446		.0438	.0435	.0435	.0431	.0423	.0416	.0418	.0392	145.
160.	.0540	.0522	.0526	.0537	.0527	.0520	.0519	.0517	.0519	.0513	.0507	.0520	.0524	160.
170.		.0810	.0798	.0794	.0789	.0788	.0789	.0793	.0785	.0785	.0774	.0786	.0771	170.
180.	.1500	.1493	.1480	.1513	.1491	.1463	.1470	.1484	.1462	.1442	.1441	.1438	.1426	180.
190.		.1815	.1805	.1804	.1801	.1802	.1819	.1831	.1815	.1797	.1787	.1800	.1764	190.
200.	.1798	.1774	.1786	.1798	.1791	.1789	.1801	.1802	.1806	.1792	.1781	.1798	.1783	200.
215.	.1710	.1741	.1722	.1725		.1744	.1749	.1749	.1737	.1723	.1711	.1703	.1655	215.
230.	.1722	.1732	.1711	.1718	.1722	.1721	.1726	.1727	.1719	.1705	.1691	.1674	.1627	230.
245.	.1733	.1732	.1726	.1725	.1722	.1740	.1756	.1739		.1722	.1716	.1723	.1690	245.
270.	.1815	.1830	.1813	.1808	.1803	.1806	.1811	.1802	.1787	.1783	.1788	.1787	.1778	270.
295.	.1974	.1965	.1955	.1945	.1940	.1941	.1940	.1903	.2214	.1879	.1871	.1887	.1860	295.
310.	.2090	.2088	.2059	.2060	.2065	.2051	.2042	.2037	.2029	.2018	.2004	.1984	.1927	310.
325.	.2283	.2321	.2296	.2287	.2529	.2280	.2270	.2267	.2260	.2263	.2255	.2245	.2193	325.
340.	.2746	.2714	.2724	.2727	.2718	.2706	.2715	.2717	.2727	.2735	.2718	.2740	.2721	340.
350.	.3352	.3131	.3103	.3105	.3113	.3127	.3148	.3162	.3129	.3138	.3106	.3127	.3095	350.
						FOR ALPHA = -2.35 DEG								
0.	.2710	.2704	.2703	.2756	.2739	.2699	.2712	.2729	.2701	.2696	.2706	.2702	.2690	0.
10.	.1888	.1595	.1585	.1589	.1593	.1588	.1592	.1598	.1588	.1605	.1603	.1619	.1604	10.
20.	.0966	.0946	.0957	.0966	.0964	.0948	.0955	.0948	.0949	.0952	.0968	.0981	.0977	20.
35.	.0601	.0620	.0611	.0608	.0970	.0594	.0596	.0594	.0587	.0592	.0594	.0592	.0565	35.
50.	.0519	.0516	.0504	.0502	.0501	.0486	.0487	.0488	.0485	.0483	.0484	.0472	.0449	50.
65.	.0495	.0493	.0488	.0482	.0467	.0466	.0465	.0452	.0938	.0452	.0444	.0452	.0436	65.
90.	.0460	.0465	.0456	.0452	.0438	.0436	.0437	.0432	.0440	.0426	.0428	.0427	.0429	90.
115.	.0439	.0435	.0432	.0428	.0421	.0426	.0426	.0420		.0424	.0407	.0412	.0398	115.
130.	.0447	.0446	.0439	.0441	.0448	.0428	.0428	.0427	.0421	.0412	.0406	.0395	.0382	130.
145.	.0462	.0481	.0468	.0464		.0453	.0453	.0450	.0443	.0438	.0434	.0432	.0407	145.
160.	.0588	.0570	.0580	.0587	.0579	.0567	.0569	.0564	.0564	.0559	.0557	.0564	.0568	160.
170.		.0917	.0906	.0900	.0896	.0890	.0892	.0895	.0888	.0886	.0876	.0884	.0870	170.
180.	.1679	.1674	.1659	.1689	.1669	.1636	.1641	.1653	.1631	.1610	.1614	.1604	.1597	180.
190.		.1986	.1975	.1958	.1970	.1970	.1983	.1994	.1976	.1958	.1948	.1960	.1931	190.
200.	.1921	.1900	.1910	.1921	.1919	.1916	.1920	.1915	.1925	.1908	.1896	.1915	.1904	200.
215.	.1793	.1829	.1803	.1802		.1818	.1818	.1814	.1813	.1787	.1782	.1777	.1733	215.
230.	.1774	.1779	.1760	.1762	.1780	.1772	.1770	.1770	.1774	.1752	.1740	.1724	.1677	230.
245.	.1771	.1766	.1764	.1760	.1766	.1778	.1787	.1768		.1751	.1746	.1750	.1725	245.
270.	.1827	.1847	.1830	.1824	.1819	.1820	.1823	.1812	.1792	.1787	.1797	.1796	.1789	270.
295.	.1949	.1958	.1944	.1933	.1922	.1929	.1930	.1892	.2197	.1863	.1864	.1872	.1846	295.
310.	.2053	.2060	.2032	.2029	.2022	.2008	.2009	.2000	.1994	.1979	.1976	.1949	.1893	310.
325.	.2208	.2249	.2220	.2216	.2454	.2208	.2212	.2205	.2202	.2199	.2197	.2172	.2119	325.
340.	.2602	.2578	.2594	.2598	.2598	.2585	.2603	.2589	.2597	.2594	.2591	.2608	.2588	340.
350.	.3153	.2923	.2918	.2917	.2935	.2936	.2961	.2963	.2936	.2937	.2920	.2942	.2908	350.

TABLE II. - CONTINUED

(L) MACH = 3.95, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -1.35 DEG								
0.	.2590	.2545	.2367	.2380	.2431	.2528	.2529	.2562	.2564	.2577	.2556	.2509	.2508	.2493
10.				.1509	.1528	.1565	.1567	.1554	.1541	.1529	.1524	.1510	.1492	.1486
20.		.0930	.0768	.0863	.0861	.0869	.0879	.0882	.0892	.0885	.0901	.0883	.0889	.0894
35.	.0669	.0650	.0580	.0605	.0609	.0598	.0789	.0586	.0595	.0598	.0595	.0605	.0608	.0603
50.			.0500	.0534	.0515	.0797	.0527	.0521	.0527	.0527	.0523	.0525	.0529	.0522
65.				.0481	.0483	.0504	.0508	.0515	.0509	.0511	.0500	.0502	.0506	.0502
90.	.0599	.0592	.0466	.0461	.0454	.0450	.0462	.0475	.0482	.0964	.0473	.0478	.0474	.0471
115.				.0442	.0437	.0437	.0435	.0451	.0456	.0457	.0450	.0448	.0455	.0441
130.			.0459	.0442	.0465		.0458	.0456	.0460	.0452	.0443	.0445	.0451	.0443
145.	.0586	.0583	.0491	.0471	.0517	.0489	.0736	.0475	.0480	.0478	.0470	.0474	.0478	.0483
160.		.0730	.0601	.0647	.0644	.0642	.0650	.0639	.0648	.0622	.0639	.0630	.0646	.0650
170.				.1104	.1099	.1131	.1101	.1099	.1090	.1070	.1077	.1065	.1047	.1039
180.		.1989	.1806	.1836	.1833	.1918	.1902	.1907	.1907	.1914	.1904	.1858	.1862	.1846
190.				.2130	.2145	.2170	.2227	.2216	.2188	.2179	.2177	.2170	.2164	.2153
200.		.2077	.1999	.2064	.2029	.2082	.2063	.2065	.2069	.2052	.2055	.2037	.2047	.2049
215.	.1958	.2015	.1864	.1919	.1894	.1893	.2039	.1886	.1901	.1906	.1910	.1906	.1900	.1903
230.			.1774	.1804	.1830		.1844	.1853	.1853	.1844	.1841	.1836	.1835	.1822
245.				.1762	.1806	.1807	.1837	.1853	.1834	.1830	.1831	.1808	.1809	.1800
270.	.1965	.1981	.1748	.1821	.1798	.1851	.1876	.1891	.1910	.2220	.1865	.1857	.1839	.1844
295.				.1838	.1901	.1898	.1933	.1955	.1946	.1942	.1947	.1929	.1939	.1933
310.			.1898	.2000	.1970	.2154	.2013	.2010	.2021	.2022	.2021	.2021	.2023	.2015
325.	.2091	.2160	.1997	.2126	.2090	.2141	.2251	.2146	.2170	.2181	.2181	.2180	.2182	.2180
340.		.2367	.2226	.2408	.2382	.2472	.2472	.2490	.2509	.2496	.2496	.2463	.2474	.2480
350.				.2593	.2698	.2717	.2809	.2810	.2788	.2783	.2770	.2768	.2753	.2742
						FOR ALPHA = -.35 DEG								
0.	.2411	.2354	.2171	.2189	.2226	.2322	.2332	.2351	.2351	.2366	.2345	.2289	.2296	.2290
10.				.1379	.1387	.1424	.1427	.1409	.1395	.1384	.1377	.1356	.1347	.1344
20.		.0869	.0720	.0803	.0797	.0802	.0810	.0810	.0816	.0810	.0825	.0803	.0805	.0812
35.	.0651	.0636	.0564	.0584	.0593	.0579	.0771	.0564	.0571	.0573	.0566	.0571	.0579	.0580
50.			.0508	.0521	.0510	.0793	.0525	.0514	.0519	.0518	.0510	.0510	.0513	.0510
65.				.0485	.0492	.0493	.0509	.0515	.0506	.0503	.0498	.0496	.0501	.0496
90.	.0600	.0593	.0473	.0465	.0458	.0454	.0460	.0457	.0462	.0963	.0474	.0477	.0472	.0468
115.				.0440	.0438	.0442	.0448	.0456	.0450	.0452	.0444	.0444	.0449	.0438
130.			.0464	.0452	.0463		.0467	.0461	.0461	.0456	.0447	.0449	.0452	.0443
145.	.0603	.0592	.0509	.0504	.0529	.0502	.0752	.0492	.0499	.0500	.0493	.0496	.0497	.0502
160.		.0787	.0635	.0697	.0693	.0696	.0704	.0698	.0702	.0683	.0697	.0693	.0702	.0697
170.				.1225	.1218	.1250	.1245	.1229	.1207	.1204	.1204	.1184	.1166	.1160
180.		.2192	.1989	.2014	.2030	.2113	.2099	.2113	.2109	.2113	.2098	.2051	.2054	.2038
190.				.2311	.2322	.2333	.2404	.2395	.2367	.2356	.2346	.2343	.2337	.2324
200.		.2194	.2084	.2173	.2145	.2205	.2180	.2185	.2194	.2174	.2175	.2162	.2166	.2167
215.	.2019	.2079	.1928	.1994	.1953	.1954	.2105	.1960	.1972	.1980	.1982	.1982	.1973	.1973
230.			.1796	.1872	.1874		.1885	.1893	.1900	.1891	.1886	.1881	.1875	.1861
245.				.1796	.1819	.1822	.1858	.1883	.1861	.1855	.1856	.1832	.1832	.1825
270.	.1964	.1982	.1740	.1829	.1817	.1841	.1888	.1901	.1918	.2235	.1871	.1861	.1843	.1854
295.				.1822	.1866	.1885	.1923	.1948	.1936	.1931	.1932	.1911	.1915	.1914
310.			.1850	.1941	.1941	.2124	.1977	.1976	.1994	.1989	.1982	.1981	.1977	.1972
325.	.2027	.2102	.1962	.2067	.2038	.2070	.2195	.2081	.2104	.2117	.2114	.2114	.2104	.2109
340.		.2257	.2146	.2283	.2278	.2360	.2352	.2361	.2381	.2369	.2370	.2340	.2341	.2348
350.				.2458	.2509	.2535	.2628	.2625	.2600	.2604	.2588	.2568	.2558	.2561
						FOR ALPHA = .65 DEG								
0.	.2241	.2165	.1973	.2020	.2023	.2129	.2131	.2143	.2140	.2156	.2137	.2090	.2097	.2099
10.				.1249	.1256	.1285	.1292	.1273	.1249	.1241	.1240	.1231	.1218	.1223
20.		.0814	.0680	.0745	.0743	.0742	.0750	.0743	.0750	.0742	.0749	.0735	.0736	.0748
35.	.0637	.0628	.0550	.0546	.0574	.0558	.0753	.0544	.0548	.0550	.0544	.0549	.0554	.0559
50.			.0508	.0498	.0513	.0782	.0519	.0512	.0512	.0508	.0501	.0501	.0506	.0503
65.				.0488	.0487	.0493	.0500	.0509	.0500	.0501	.0497	.0496	.0501	.0497
90.	.0606	.0597	.0475	.0469	.0461	.0460	.0465	.0464	.0473	.0964	.0475	.0480	.0474	.0472
115.				.0447	.0451	.0451	.0460	.0467	.0457	.0455	.0447	.0447	.0451	.0444
130.			.0471	.0489	.0469		.0477	.0468	.0471	.0467	.0459	.0459	.0463	.0454
145.	.0628	.0613	.0532	.0547	.0550	.0531	.0774	.0520	.0524	.0528	.0522	.0524	.0527	.0524
160.		.0857	.0694	.0762	.0759	.0766	.0771	.0768	.0774	.0762	.0775	.0757	.0762	.0763
170.				.1365	.1362	.1394	.1387	.1367	.1349	.1341	.1333	.1319	.1300	.1292
180.		.2403	.2198	.2207	.2230	.2321	.2305	.2327	.2318	.2324	.2307	.2258	.2256	.2241
190.				.2474	.2518	.2522	.2597	.2590	.2557	.2545	.2537	.2530	.2516	.2508
200.		.2318	.2181	.2300	.2270	.2341	.2312	.2319	.2327	.2311	.2315	.2289	.2294	.2292
215.	.2089	.2148	.1964	.2071	.2016	.2047	.2174	.2038	.2053	.2058	.2060	.2056	.2049	.2046
230.			.1876	.1958	.1918		.1939	.1934	.1946	.1934	.1927	.1925	.1919	.1910
245.				.1819	.1854	.1860	.1888	.1906	.1886	.1880	.1877	.1855	.1858	.1855
270.	.1969	.1989	.1748	.1836	.1827	.1859	.1890	.1906	.1922	.2234	.1869	.1864	.1850	.1859
295.				.1815	.1860	.1864	.1907	.1929	.1914	.1908	.1904	.1888	.1899	.1892
310.			.1793	.1879	.1902	.2092	.1931	.1946	.1957	.1946	.1937	.1937	.1941	.1928
325.	.1969	.2049	.1918	.1999	.1982	.1994	.2130	.2012	.2035	.2043	.2040	.2036	.2034	.2037
340.		.2151	.2076	.2170	.2162	.2231	.2225	.2239	.2255	.2237	.2236	.2215	.2222	.2229
350.				.2290	.2323	.2355	.2440	.2437	.2415	.2415	.2395	.2385	.2383	.2389

TABLE II. - CONTINUED

(L) MACH = 3.95, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -1.35 DEG								
0.	.2500	.2503	.2500	.2553	.2523	.2485	.2492	.2512	.2485	.2485	.2492	.2495	.2488	0.
10.	.1768	.1467	.1458	.1462	.1457	.1451	.1450	.1457	.1446	.1477	.1466	.1486	.1471	10.
20.	.0891	.0875	.0889	.0903	.0897	.0879	.0879	.0872	.0873	.0891	.0893	.0907	.0903	20.
35.	.0579	.0595	.0588	.0588	.0964	.0579	.0577	.0576	.0568	.0580	.0574	.0573	.0545	35.
50.	.0520	.0519	.0509	.0508	.0505	.0485	.0486	.0487	.0484	.0493	.0488	.0477	.0454	50.
65.	.0505	.0503	.0499	.0494	.0477	.0473	.0472	.0458	.0955	.0468	.0456	.0463	.0447	65.
90.	.0467	.0474	.0466	.0461	.0447	.0444	.0444	.0438	.0449	.0426	.0431	.0431	.0434	90.
115.	.0438	.0437	.0435	.0430	.0421	.0426	.0430	.0425		.0421	.0404	.0411	.0399	115.
130.	.0444	.0445	.0438	.0442	.0447	.0431	.0432	.0434	.0430	.0414	.0405	.0397	.0382	130.
145.	.0468	.0488	.0479	.0475		.0468	.0468	.0466	.0460	.0450	.0441	.0441	.0415	145.
160.	.0643	.0624	.0634	.0643	.0636	.0623	.0623	.0618	.0618	.0610	.0602	.0613	.0616	160.
170.		.1023	.1014	.1008	.1004	.1001	.1003	.1004	.0997	.0993	.0977	.0988	.0973	170.
180.	.1855	.1854	.1842	.1871	.1848	.1812	.1816	.1829	.1806	.1786	.1786	.1782	.1769	180.
190.		.2159	.2146	.2141	.2139	.2135	.2141	.2154	.2132	.2129	.2117	.2131	.2099	190.
200.	.2046	.2021	.2035	.2048	.2040	.2035	.2034	.2027	.2032	.2028	.2018	.2037	.2022	200.
215.	.1872	.1901	.1875	.1876		.1880	.1883	.1879	.1874	.1868	.1858	.1851	.1806	215.
230.	.1827	.1827	.1803	.1810	.1819	.1810	.1816	.1817	.1816	.1806	.1789	.1768	.1719	230.
245.	.1805	.1800	.1794	.1792	.1794	.1803	.1818	.1798		.1784	.1778	.1782	.1751	245.
270.	.1842	.1856	.1842	.1836	.1830	.1824	.1830	.1817	.1795	.1793	.1803	.1802	.1795	270.
295.	.1941	.1935	.1929	.1917	.1906	.1901	.1909	.1875	.2177	.1845	.1850	.1858	.1830	295.
310.	.2021	.2016	.1995	.1993	.1986	.1968	.1968	.1963	.1957	.1946	.1939	.1915	.1853	310.
325.	.2139	.2169	.2143	.2138	.2383	.2133	.2143	.2145	.2137	.2132	.2123	.2105	.2051	325.
340.	.2469	.2447	.2467	.2481	.2473	.2466	.2475	.2471	.2470	.2470	.2459	.2482	.2466	340.
350.	.2979	.2743	.2743	.2748	.2751	.2752	.2767	.2780	.2751	.2754	.2729	.2758	.2728	350.
						FOR ALPHA = -.35 DEG								
0.	.2306	.2309	.2298	.2336	.2314	.2279	.2289	.2305	.2284	.2279	.2287	.2295	.2287	0.
10.	.1653	.1339	.1333	.1324	.1319	.1314	.1318	.1325	.1318	.1335	.1325	.1349	.1335	10.
20.	.0818	.0806	.0826	.0831	.0824	.0807	.0808	.0802	.0805	.0810	.0813	.0830	.0827	20.
35.	.0560	.0568	.0560	.0557	.0938	.0556	.0560	.0556	.0547	.0550	.0547	.0546	.0519	35.
50.	.0513	.0515	.0501	.0502	.0503	.0486	.0487	.0485	.0481	.0478	.0474	.0463	.0441	50.
65.	.0502	.0502	.0495	.0490	.0473	.0474	.0474	.0459	.0940	.0460	.0450	.0459	.0441	65.
90.	.0467	.0473	.0466	.0462	.0448	.0446	.0446	.0439	.0448	.0426	.0431	.0432	.0431	90.
115.	.0438	.0436	.0435	.0432	.0427	.0430	.0433	.0428		.0424	.0406	.0418	.0403	115.
130.	.0444	.0448	.0439	.0442	.0447	.0432	.0431	.0432	.0430	.0417	.0409	.0404	.0389	130.
145.	.0482	.0496	.0481	.0480		.0479	.0477	.0477	.0472	.0467	.0459	.0461	.0435	145.
160.	.0694	.0675	.0683	.0696	.0689	.0678	.0677	.0673	.0675	.0672	.0666	.0678	.0679	160.
170.		.1138	.1123	.1121	.1119	.1120	.1119	.1121	.1114	.1117	.1100	.1111	.1097	170.
180.	.2043	.2040	.2028	.2064	.2040	.2000	.2006	.2016	.1992	.1974	.1974	.1964	.1955	180.
190.		.2324	.2309	.2308	.2308	.2302	.2308	.2316	.2293	.2282	.2275	.2288	.2256	190.
200.	.2160	.2140	.2152	.2164	.2157	.2148	.2146	.2138	.2147	.2136	.2131	.2150	.2137	200.
215.	.1935	.1968	.1939	.1936		.1942	.1942	.1943	.1944	.1932	.1924	.1918	.1872	215.
230.	.1861	.1868	.1841	.1848	.1852	.1851	.1853	.1857	.1857	.1840	.1825	.1801	.1756	230.
245.	.1831	.1827	.1818	.1818	.1815	.1830	.1838	.1817		.1797	.1790	.1800	.1772	245.
270.	.1851	.1866	.1848	.1841	.1831	.1830	.1830	.1815	.1799	.1795	.1803	.1807	.1796	270.
295.	.1917	.1915	.1904	.1895	.1890	.1889	.1892	.1858	.2179	.1833	.1839	.1844	.1813	295.
310.	.1976	.1979	.1951	.1947	.1953	.1940	.1940	.1936	.1930	.1918	.1904	.1874	.1817	310.
325.	.2072	.2098	.2070	.2067	.2329	.2073	.2082	.2080	.2076	.2068	.2054	.2035	.1987	325.
340.	.2347	.2328	.2346	.2364	.2359	.2348	.2354	.2341	.2345	.2349	.2337	.2358	.2345	340.
350.	.2821	.2574	.2566	.2569	.2574	.2573	.2586	.2594	.2570	.2568	.2556	.2580	.2552	350.
						FOR ALPHA = .65 DEG								
0.	.2111	.2108	.2095	.2131	.2111	.2076	.2086	.2101	.2083	.2083	.2094	.2100	.2094	0.
10.	.1546	.1211	.1199	.1191	.1190	.1180	.1184	.1189	.1187	.1202	.1199	.1219	.1208	10.
20.	.0759	.0745	.0758	.0763	.0758	.0734	.0734	.0729	.0736	.0744	.0747	.0759	.0762	20.
35.	.0539	.0548	.0539	.0537	.0916	.0532	.0534	.0531	.0527	.0535	.0530	.0526	.0501	35.
50.	.0502	.0505	.0494	.0495	.0496	.0478	.0480	.0479	.0479	.0479	.0471	.0458	.0437	50.
65.	.0495	.0494	.0487	.0484	.0466	.0464	.0465	.0452	.0939	.0463	.0453	.0457	.0444	65.
90.	.0470	.0476	.0469	.0465	.0448	.0445	.0444	.0436	.0444	.0425	.0428	.0430	.0431	90.
115.	.0450	.0447	.0446	.0442	.0435	.0437	.0438	.0432		.0424	.0404	.0417	.0401	115.
130.	.0455	.0456	.0445	.0447	.0455	.0436	.0437	.0438	.0435	.0420	.0414	.0409	.0393	130.
145.	.0499	.0513	.0501	.0500		.0498	.0500	.0500	.0492	.0483	.0474	.0479	.0448	145.
160.	.0764	.0746	.0756	.0763	.0754	.0742	.0745	.0742	.0742	.0735	.0729	.0744	.0741	160.
170.		.1268	.1251	.1247	.1246	.1246	.1246	.1249	.1241	.1240	.1226	.1235	.1215	170.
180.	.2249	.2240	.2225	.2266	.2243	.2200	.2207	.2214	.2187	.2164	.2170	.2155	.2144	180.
190.		.2500	.2479	.2482	.2487	.2474	.2485	.2490	.2469	.2460	.2450	.2464	.2429	190.
200.	.2285	.2264	.2272	.2287	.2279	.2262	.2263	.2260	.2269	.2261	.2252	.2275	.2262	200.
215.	.2006	.2037	.2004	.2002		.2010	.2012	.2014	.2014	.2004	.2002	.1988	.1945	215.
230.	.1914	.1914	.1890	.1892	.1896	.1893	.1893	.1896	.1896	.1880	.1867	.1843	.1795	230.
245.	.1859	.1855	.1853	.1851	.1844	.1855	.1859	.1836		.1822	.1816	.1820	.1793	245.
270.	.1852	.1871	.1853	.1845	.1830	.1829	.1830	.1813	.1799	.1798	.1809	.1808	.1802	270.
295.	.1892	.1889	.1878	.1867	.1857	.1865	.1871	.1837	.2162	.1822	.1825	.1827	.1794	295.
310.	.1926	.1932	.1905	.1902	.1906	.1898	.1903	.1902	.1902	.1885	.1868	.1838	.1782	310.
325.	.1995	.2029	.2005	.2001	.2267	.2006	.2014	.2012	.2005	.1994	.1985	.1968	.1922	325.
340.	.2223	.2207	.2228	.2244	.2241	.2223	.2233	.2224	.2227	.2226	.2219	.2239	.2230	340.
350.	.2662	.2400	.2394	.2396	.2392	.2389	.2409	.2417	.2393	.2395	.2389	.2411	.2388	350.

TABLE II. - CONTINUED

(L) MACH = 3.95, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 1.65 DEG								
0.	.2075	.1981	.1784	.1857	.1841	.1940	.1937	.1942	.1938	.1955	.1945	.1903	.1920	.1913
10.				.1141	.1135	.1153	.1168	.1140	.1116	.1109	.1116	.1113	.1107	.1102
20.		.0764	.0648	.0687	.0692	.0686	.0690	.0688	.0690	.0681	.0684	.0672	.0683	.0693
35.	.0623	.0622	.0534	.0523	.0554	.0539	.0738	.0526	.0528	.0527	.0523	.0528	.0530	.0535
50.			.0502	.0493	.0514	.0760	.0507	.0506	.0504	.0498	.0493	.0495	.0498	.0494
65.				.0490	.0486	.0486	.0487	.0496	.0496	.0500	.0495	.0494	.0498	.0491
90.	.0603	.0598	.0472	.0468	.0462	.0460	.0474	.0480	.0477	.0960	.0470	.0475	.0471	.0471
115.				.0450	.0450	.0463	.0465	.0465	.0457	.0457	.0446	.0447	.0451	.0444
130.			.0469	.0508	.0482		.0482	.0473	.0476	.0473	.0467	.0468	.0472	.0461
145.	.0646	.0635	.0556	.0575	.0570	.0555	.0797	.0541	.0546	.0549	.0545	.0551	.0548	.0541
160.		.0930	.0758	.0835	.0831	.0839	.0843	.0839	.0847	.0837	.0849	.0833	.0840	.0842
170.				.1507	.1520	.1541	.1534	.1511	.1495	.1482	.1480	.1464	.1443	.1433
180.		.2622	.2423	.2416	.2449	.2532	.2520	.2537	.2536	.2538	.2527	.2469	.2472	.2451
190.				.2636	.2728	.2715	.2791	.2783	.2746	.2733	.2718	.2710	.2704	.2686
200.		.2446	.2281	.2447	.2397	.2461	.2447	.2454	.2462	.2442	.2445	.2417	.2425	.2422
215.	.2160	.2218	.2049	.2141	.2094	.2130	.2243	.2111	.2127	.2127	.2132	.2132	.2122	.2114
230.			.1911	.2015	.1967		.1983	.1978	.1980	.1972	.1972	.1970	.1964	.1951
245.				.1854	.1901	.1885	.1907	.1923	.1907	.1901	.1902	.1882	.1884	.1878
270.	.1971	.1992	.1765	.1834	.1830	.1864	.1889	.1910	.1923	.2234	.1872	.1867	.1849	.1855
295.				.1778	.1854	.1860	.1891	.1910	.1893	.1883	.1883	.1864	.1867	.1860
310.			.1784	.1808	.1869	.2059	.1899	.1919	.1915	.1899	.1895	.1893	.1888	.1881
325.	.1915	.1996	.1869	.1921	.1932	.1943	.2066	.1950	.1964	.1967	.1963	.1962	.1953	.1960
340.		.2048	.1997	.2088	.2050	.2110	.2112	.2124	.2123	.2107	.2102	.2090	.2097	.2114
350.				.2123	.2155	.2186	.2261	.2258	.2226	.2230	.2214	.2215	.2216	.2225
						FOR ALPHA = 2.65 DEG								
0.	.1915	.1803	.1608	.1697	.1663	.1752	.1741	.1753	.1754	.1770	.1767	.1734	.1745	.1737
10.				.1048	.1029	.1031	.1054	.1018	.1007	.0997	.1014	.1007	.0996	.0997
20.		.0717	.0620	.0636	.0649	.0640	.0638	.0639	.0639	.0627	.0631	.0627	.0647	.0659
35.	.0610	.0614	.0520	.0513	.0529	.0527	.0723	.0507	.0514	.0514	.0509	.0510	.0513	.0523
50.			.0492	.0492	.0502	.0765	.0499	.0500	.0501	.0493	.0486	.0488	.0493	.0491
65.				.0488	.0482	.0488	.0490	.0484	.0477	.0500	.0502	.0495	.0497	.0489
90.	.0597	.0595	.0459	.0463	.0463	.0469	.0477	.0471	.0476	.0969	.0474	.0475	.0470	.0471
115.				.0455	.0461	.0462	.0470	.0467	.0460	.0457	.0450	.0444	.0453	.0445
130.			.0460	.0516	.0505		.0484	.0480	.0484	.0481	.0477	.0477	.0479	.0467
145.	.0672	.0655	.0576	.0598	.0589	.0584	.0820	.0565	.0573	.0574	.0573	.0573	.0568	.0564
160.		.1007	.0827	.0916	.0909	.0917	.0924	.0920	.0930	.0915	.0929	.0917	.0925	.0924
170.				.1643	.1683	.1702	.1697	.1669	.1648	.1632	.1635	.1618	.1596	.1582
180.		.2837	.2660	.2631	.2678	.2763	.2748	.2765	.2756	.2765	.2749	.2691	.2691	.2666
190.				.2803	.2943	.2922	.2995	.2976	.2940	.2923	.2904	.2896	.2891	.2867
200.		.2569	.2478	.2575	.2549	.2591	.2585	.2590	.2600	.2571	.2570	.2544	.2557	.2555
215.	.2230	.2287	.2125	.2180	.2175	.2214	.2319	.2187	.2201	.2204	.2206	.2199	.2194	.2184
230.			.1938	.2059	.2002		.2022	.2018	.2026	.2014	.2012	.2012	.2009	.1995
245.				.1884	.1924	.1911	.1935	.1942	.1927	.1923	.1923	.1908	.1913	.1906
270.	.1967	.1989	.1767	.1830	.1837	.1856	.1876	.1905	.1918	.2230	.1866	.1864	.1844	.1853
295.				.1782	.1839	.1859	.1868	.1885	.1871	.1862	.1849	.1834	.1831	.1828
310.			.1769	.1728	.1837	.2032	.1859	.1874	.1868	.1856	.1842	.1842	.1835	.1831
325.	.1861	.1949	.1808	.1860	.1871	.1865	.1994	.1880	.1886	.1891	.1881	.1887	.1878	.1889
340.		.1943	.1910	.1980	.1953	.1983	.1996	.1997	.1998	.1982	.1974	.1971	.1987	.2001
350.				.1960	.1990	.2000	.2076	.2079	.2056	.2054	.2041	.2049	.2057	.2061
						FOR ALPHA = 4.66 DEG								
0.	.1615	.1474	.1317	.1392	.1351	.1386	.1398	.1408	.1419	.1442	.1444	.1408	.1410	.1397
10.				.0819	.0804	.0787	.0830	.0801	.0805	.0800	.0803	.0797	.0786	.0784
20.		.0628	.0556	.0555	.0547	.0552	.0535	.0532	.0533	.0518	.0547	.0544	.0547	.0549
35.	.0586	.0595	.0474	.0490	.0486	.0474	.0683	.0461	.0464	.0464	.0461	.0469	.0481	.0496
50.			.0462	.0467	.0459	.0738	.0470	.0456	.0455	.0458	.0457	.0463	.0466	.0463
65.				.0464	.0460	.0466	.0462	.0454	.0450	.0463	.0462	.0460	.0462	.0456
90.	.0574	.0578	.0440	.0439	.0457	.0455	.0449	.0449	.0458	.0939	.0448	.0446	.0442	.0441
115.				.0436	.0453	.0463	.0457	.0457	.0452	.0451	.0446	.0442	.0448	.0440
130.			.0456	.0502	.0510		.0492	.0484	.0491	.0489	.0489	.0487	.0486	.0472
145.	.0723	.0706	.0608	.0640	.0629	.0637	.0868	.0620	.0631	.0631	.0620	.0611	.0620	.0631
160.		.1180	.0996	.1066	.1072	.1084	.1093	.1088	.1100	.1072	.1101	.1093	.1096	.1094
170.				.1933	.2023	.2037	.2026	.1996	.1961	.1946	.1949	.1930	.1902	.1891
180.		.3288	.3107	.3090	.3149	.3242	.3218	.3239	.3221	.3232	.3195	.3135	.3133	.3110
190.				.3184	.3344	.3351	.3422	.3393	.3345	.3330	.3295	.3287	.3272	.3253
200.		.2824	.2744	.2748	.2838	.2870	.2865	.2862	.2871	.2840	.2830	.2802	.2811	.2812
215.	.2375	.2436	.2254	.2305	.2334	.2362	.2458	.2336	.2355	.2358	.2356	.2340	.2333	.2334
230.			.2045	.2138	.2070		.2103	.2105	.2114	.2097	.2094	.2094	.2091	.2080
245.				.1910	.1957	.1960	.1980	.1982	.1968	.1964	.1972	.1952	.1963	.1954
270.	.1963	.1968	.1761	.1819	.1835	.1841	.1856	.1882	.1897	.2212	.1858	.1855	.1839	.1840
295.				.1768	.1778	.1794	.1801	.1831	.1814	.1796	.1786	.1774	.1776	.1767
310.			.1721	.1700	.1730	.1943	.1772	.1775	.1778	.1761	.1748	.1750	.1746	.1739
325.	.1756	.1867	.1695	.1735	.1691	.1754	.1866	.1743	.1751	.1746	.1744	.1751	.1744	.1755
340.		.1759	.1727	.1744	.1749	.1747	.1748	.1762	.1770	.1762	.1762	.1762	.1773	.1779
350.				.1700	.1669	.1657	.1752	.1748	.1741	.1745	.1741	.1748	.1751	.1748

TABLE II. - CONTINUED

(L) MACH = 3.95, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 1.65 DEG								
0.	.1924	.1916	.1902	.1936	.1920	.1891	.1896	.1915	.1898	.1903	.1917	.1917	.1910	0.
10.	.1437	.1085	.1077	.1068	.1069	.1067	.1069	.1080	.1071	.1100	.1094	.1115	.1103	10.
20.	.0706	.0686	.0696	.0699	.0694	.0680	.0683	.0680	.0680	.0697	.0697	.0713	.0713	20.
35.	.0520	.0535	.0529	.0526	.0909	.0520	.0523	.0519	.0515	.0526	.0522	.0518	.0491	35.
50.	.0495	.0498	.0490	.0490	.0498	.0483	.0484	.0483	.0480	.0484	.0476	.0462	.0438	50.
65.	.0491	.0488	.0484	.0480	.0469	.0471	.0472	.0463	.0956	.0473	.0462	.0464	.0449	65.
90.	.0469	.0475	.0467	.0462	.0449	.0444	.0444	.0437	.0450	.0428	.0432	.0430	.0432	90.
115.	.0447	.0449	.0446	.0443	.0434	.0435	.0436	.0426		.0423	.0406	.0409	.0397	115.
130.	.0459	.0459	.0447	.0450	.0452	.0435	.0436	.0436	.0437	.0429	.0423	.0411	.0396	130.
145.	.0517	.0538	.0525	.0523		.0516	.0515	.0512	.0507	.0503	.0494	.0494	.0467	145.
160.	.0838	.0817	.0824	.0830	.0821	.0809	.0810	.0805	.0809	.0802	.0803	.0812	.0812	160.
170.		.1400	.1380	.1377	.1375	.1377	.1374	.1378	.1371	.1371	.1358	.1368	.1349	170.
180.	.2455	.2446	.2429	.2474	.2449	.2405	.2411	.2421	.2389	.2369	.2372	.2362	.2344	180.
190.		.2672	.2657	.2651	.2652	.2650	.2665	.2671	.2645	.2639	.2626	.2643	.2602	190.
200.	.2412	.2388	.2402	.2408	.2396	.2381	.2385	.2379	.2385	.2383	.2384	.2401	.2383	200.
215.	.2072	.2107	.2077	.2074		.2079	.2084	.2084	.2077	.2075	.2074	.2060	.2009	215.
230.	.1955	.1959	.1933	.1935	.1934	.1928	.1930	.1932	.1928	.1921	.1908	.1882	.1824	230.
245.	.1885	.1888	.1880	.1875	.1864	.1873	.1881	.1854		.1843	.1836	.1841	.1805	245.
270.	.1853	.1869	.1852	.1843	.1827	.1825	.1824	.1811	.1793	.1803	.1805	.1807	.1796	270.
295.	.1864	.1860	.1850	.1842	.1834	.1842	.1844	.1819	.2138	.1813	.1797	.1802	.1769	295.
310.	.1881	.1890	.1858	.1861	.1867	.1863	.1861	.1862	.1853	.1854	.1823	.1799	.1739	310.
325.	.1924	.1962	.1936	.1937	.2213	.1949	.1942	.1941	.1929	.1928	.1908	.1897	.1853	325.
340.	.2115	.2096	.2108	.2123	.2114	.2111	.2105	.2104	.2102	.2109	.2097	.2118	.2110	340.
350.	.2515	.2234	.2221	.2222	.2221	.2225	.2231	.2243	.2221	.2227	.2221	.2238	.2218	350.
						FOR ALPHA = 2.65 DEG								
0.	.1741	.1734	.1723	.1755	.1740	.1708	.1716	.1733	.1718	.1725	.1737	.1734	.1727	0.
10.	.1338	.0975	.0965	.0962	.0962	.0956	.0957	.0964	.0961	.0987	.0986	.1001	.0993	10.
20.	.0656	.0634	.0640	.0647	.0642	.0625	.0626	.0625	.0627	.0639	.0643	.0658	.0664	20.
35.	.0507	.0524	.0519	.0520	.0907	.0505	.0504	.0501	.0495	.0506	.0500	.0499	.0477	35.
50.	.0489	.0492	.0484	.0487	.0492	.0476	.0474	.0473	.0470	.0473	.0466	.0458	.0435	50.
65.	.0487	.0482	.0477	.0477	.0462	.0465	.0466	.0457	.0945	.0469	.0459	.0463	.0446	65.
90.	.0467	.0474	.0466	.0461	.0445	.0443	.0440	.0433	.0442	.0425	.0431	.0430	.0434	90.
115.	.0450	.0450	.0449	.0443	.0437	.0440	.0442	.0430		.0418	.0404	.0407	.0399	115.
130.	.0466	.0464	.0452	.0452	.0462	.0448	.0452	.0452	.0449	.0433	.0428	.0416	.0401	130.
145.	.0547	.0569	.0557	.0551		.0545	.0545	.0540	.0535	.0524	.0522	.0520	.0492	145.
160.	.0918	.0897	.0906	.0910	.0902	.0890	.0892	.0887	.0890	.0881	.0881	.0891	.0889	160.
170.		.1549	.1526	.1519	.1518	.1520	.1523	.1526	.1516	.1511	.1498	.1509	.1488	170.
180.	.2672	.2665	.2646	.2691	.2666	.2622	.2629	.2640	.2606	.2585	.2585	.2577	.2556	180.
190.		.2852	.2836	.2827	.2829	.2837	.2854	.2864	.2837	.2828	.2803	.2829	.2792	190.
200.	.2548	.2515	.2529	.2534	.2526	.2504	.2512	.2512	.2523	.2519	.2508	.2530	.2517	200.
215.	.2147	.2178	.2153	.2151		.2152	.2157	.2156	.2152	.2147	.2141	.2130	.2083	215.
230.	.1998	.1998	.1974	.1978	.1976	.1968	.1972	.1972	.1973	.1957	.1946	.1921	.1869	230.
245.	.1914	.1911	.1906	.1901	.1889	.1892	.1901	.1873		.1856	.1850	.1857	.1829	245.
270.	.1849	.1864	.1846	.1839	.1822	.1818	.1821	.1808	.1795	.1794	.1799	.1799	.1792	270.
295.	.1830	.1829	.1816	.1810	.1800	.1810	.1819	.1794	.2121	.1781	.1764	.1765	.1733	295.
310.	.1829	.1839	.1815	.1817	.1817	.1816	.1817	.1817	.1812	.1799	.1773	.1743	.1693	310.
325.	.1851	.1889	.1866	.1869	.2144	.1874	.1872	.1866	.1860	.1852	.1835	.1818	.1777	325.
340.	.1996	.1977	.1990	.2000	.2000	.1988	.1987	.1977	.1987	.1989	.1977	.1991	.1986	340.
350.	.2357	.2062	.2055	.2052	.2059	.2056	.2066	.2070	.2058	.2060	.2055	.2070	.2042	350.
						FOR ALPHA = 4.66 DEG								
0.	.1400	.1396	.1386	.1416	.1403	.1377	.1385	.1404	.1392	.1399	.1408	.1405	.1395	0.
10.	.1158	.0769	.0760	.0758	.0759	.0755	.0756	.0764	.0762	.0785	.0787	.0800	.0782	10.
20.	.0560	.0540	.0546	.0553	.0549	.0534	.0533	.0529	.0533	.0547	.0555	.0567	.0565	20.
35.	.0482	.0495	.0484	.0482	.0874	.0469	.0467	.0462	.0457	.0470	.0466	.0460	.0434	35.
50.	.0467	.0474	.0464	.0464	.0471	.0450	.0448	.0444	.0440	.0449	.0442	.0426	.0406	50.
65.	.0461	.0460	.0457	.0456	.0447	.0448	.0447	.0435	.0935	.0451	.0436	.0435	.0416	65.
90.	.0443	.0451	.0442	.0437	.0423	.0420	.0420	.0415	.0429	.0414	.0416	.0415	.0415	90.
115.	.0444	.0440	.0437	.0432	.0421	.0421	.0427	.0416		.0417	.0398	.0403	.0389	115.
130.	.0468	.0468	.0465	.0475	.0479	.0461	.0457	.0454	.0449	.0440	.0434	.0419	.0404	130.
145.	.0619	.0633	.0615	.0610		.0602	.0597	.0594	.0587	.0586	.0579	.0576	.0549	145.
160.	.1092	.1068	.1076	.1080	.1067	.1051	.1053	.1047	.1053	.1052	.1050	.1060	.1059	160.
170.		.1853	.1821	.1814	.1810	.1806	.1808	.1814	.1805	.1808	.1792	.1800	.1783	170.
180.	.3111	.3099	.3081	.3128	.3096	.3063	.3079	.3088	.3052	.3032	.3035	.3020	.3001	180.
190.		.3231	.3208	.3202	.3206	.3224	.3242	.3252	.3227	.3224	.3194	.3216	.3185	190.
200.	.2798	.2769	.2782	.2788	.2772	.2766	.2772	.2768	.2783	.2781	.2770	.2792	.2779	200.
215.	.2301	.2339	.2307	.2305		.2294	.2297	.2297	.2292	.2280	.2275	.2260	.2215	215.
230.	.2080	.2076	.2052	.2061	.2053	.2049	.2053	.2054	.2051	.2032	.2016	.1987	.1934	230.
245.	.1958	.1949	.1941	.1934	.1920	.1923	.1930	.1909		.1886	.1880	.1891	.1862	245.
270.	.1833	.1850	.1832	.1824	.1810	.1808	.1811	.1802	.1790	.1786	.1790	.1792	.1779	270.
295.	.1773	.1776	.1761	.1760	.1754	.1764	.1774	.1748	.2084	.1727	.1715	.1715	.1687	295.
310.	.1745	.1759	.1732	.1736	.1742	.1731	.1730	.1728	.1716	.1707	.1689	.1666	.1620	310.
325.	.1724	.1757	.1732	.1734	.2021	.1725	.1730	.1726	.1716	.1714	.1707	.1695	.1656	325.
340.	.1776	.1753	.1764	.1780	.1769	.1754	.1759	.1751	.1753	.1763	.1760	.1775	.1770	340.
350.	.2067	.1745	.1742	.1745	.1741	.1738	.1749	.1758	.1747	.1756	.1754	.1764	.1734	350.

TABLE II. - CONTINUED

(L) MACH = 3.95, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 9.65 DEG							
0.	.0993	.0798	.0704	.0739	.0722	.0728	.0718	.0741	.0740	.0746	.0761	.0730	.0731	.0724
10.				.0423	.0475	.0423	.0428	.0430	.0424	.0417	.0423	.0419	.0414	.0416
20.		.0495	.0365	.0379	.0372	.0354	.0374	.0371	.0360	.0358	.0360	.0360	.0372	.0380
35.	.0479	.0512	.0365	.0365	.0360	.0358	.0578	.0348	.0345	.0355	.0358	.0367	.0371	.0379
50.			.0355	.0358	.0356	.0641	.0369	.0358	.0357	.0355	.0355	.0358	.0364	.0362
65.				.0353	.0365	.0383	.0365	.0353	.0355	.0359	.0354	.0350	.0357	.0357
90.	.0491	.0492	.0337	.0354	.0367	.0366	.0360	.0357	.0359	.0844	.0349	.0351	.0348	.0344
115.				.0446	.0435	.0429	.0410	.0409	.0407	.0414	.0407	.0397	.0390	.0376
130.			.0382	.0560	.0543		.0518	.0517	.0533	.0535	.0512	.0504	.0525	.0524
145.	.0885	.0893	.0716	.0827	.0816	.0815	.1039	.0828	.0838	.0815	.0837	.0849	.0853	.0842
160.		.1687	.1560	.1515	.1532	.1561	.1575	.1570	.1585	.1585	.1611	.1581	.1586	.1582
170.				.2817	.2889	.2934	.2932	.2872	.2844	.2810	.2801	.2771	.2742	.2726
180.		.4574	.4118	.4406	.4423	.4528	.4511	.4543	.4517	.4520	.4431	.4352	.4359	.4335
190.				.4357	.4448	.4467	.4530	.4501	.4434	.4406	.4335	.4318	.4300	.4282
200.		.3501	.3402	.3374	.3527	.3575	.3593	.3571	.3594	.3553	.3523	.3480	.3483	.3483
215.	.2725	.2807	.2606	.2638	.2711	.2726	.2832	.2732	.2737	.2728	.2739	.2731	.2721	.2702
230.			.1981	.2300	.2286		.2279	.2295	.2320	.2305	.2294	.2287	.2279	.2275
245.				.2040	.2010	.2031	.2059	.2074	.2057	.2056	.2060	.2035	.2025	.2012
270.	.1924	.1905	.1683	.1790	.1782	.1780	.1793	.1809	.1826	.2146	.1794	.1791	.1774	.1780
295.				.1613	.1588	.1636	.1634	.1639	.1632	.1628	.1610	.1601	.1602	.1598
310.			.1501	.1495	.1500	.1716	.1518	.1527	.1527	.1518	.1500	.1495	.1495	.1489
325.	.1394	.1462	.1362	.1376	.1384	.1365	.1513	.1385	.1404	.1402	.1384	.1386	.1378	.1389
340.		.1260	.1210	.1214	.1212	.1229	.1228	.1233	.1248	.1251	.1236	.1227	.1234	.1236
350.				.1052	.1066	.0981	.1048	.1070	.1069	.1068	.1052	.1048	.1055	.1054
							FOR ALPHA = 14.65 DEG							
0.	.0580	.0393	.0283	.0288	.0274	.0294	.0274	.0291	.0288	.0295	.0328	.0298	.0300	.0296
10.				.0222	.0218	.0195	.0208	.0222	.0226	.0222	.0220	.0222	.0225	.0226
20.		.0350	.0232	.0231	.0223	.0210	.0213	.0226	.0232	.0235	.0235	.0233	.0239	.0238
35.	.0296	.0330	.0214	.0214	.0214	.0215	.0456	.0204	.0204	.0220	.0220	.0222	.0221	.0228
50.			.0180	.0204	.0221	.0506	.0200	.0183	.0183	.0184	.0183	.0191	.0196	.0192
65.				.0230	.0209	.0230	.0191	.0193	.0189	.0190	.0187	.0182	.0186	.0180
90.	.0397	.0410	.0220	.0231	.0251	.0238	.0227	.0220	.0225	.0716	.0209	.0198	.0191	.0214
115.				.0429	.0421	.0410	.0400	.0407	.0409	.0383	.0368	.0399	.0416	.0400
130.			.0470	.0703	.0648		.0630	.0641	.0626	.0627	.0660	.0661	.0652	.0642
145.	.1108	.1158	.1027	.1090	.1080	.1086	.1282	.1068	.1089	.1117	.1117	.1115	.1120	.1119
160.		.2288	.2170	.2093	.2106	.2110	.2112	.2108	.2151	.2138	.2172	.2149	.2141	.2137
170.				.3856	.3887	.3936	.3892	.3865	.3806	.3787	.3741	.3707	.3654	.3639
180.		.6023	.5453	.5883	.5846	.5931	.5939	.5989	.5966	.5995	.5865	.5768	.5763	.5737
190.				.5577	.5618	.5638	.5720	.5687	.5626	.5597	.5498	.5481	.5441	.5420
200.		.4252	.4101	.4184	.4277	.4297	.4312	.4312	.4339	.4302	.4263	.4217	.4215	.4207
215.	.3090	.3214	.3019	.3011	.3090	.3113	.3211	.3076	.3126	.3117	.3110	.3103	.3105	.3076
230.			.2083	.2456	.2491		.2470	.2480	.2467	.2480	.2503	.2496	.2482	.2467
245.				.2120	.2099	.2110	.2108	.2144	.2138	.2108	.2113	.2116	.2127	.2106
270.	.1874	.1868	.1700	.1728	.1711	.1699	.1719	.1726	.1742	.2075	.1719	.1703	.1680	.1698
295.				.1392	.1443	.1435	.1439	.1441	.1437	.1440	.1418	.1414	.1413	.1406
310.			.1305	.1245	.1263	.1475	.1251	.1248	.1238	.1235	.1226	.1228	.1226	.1217
325.	.1042	.1060	.0992	.0965	.1023	.1048	.1184	.1031	.1028	.1025	.1012	.1020	.1014	.1020
340.		.0751	.0670	.0772	.0750	.0751	.0768	.0746	.0755	.0752	.0742	.0749	.0755	.0748
350.				.0452	.0515	.0428	.0514	.0519	.0511	.0511	.0500	.0498	.0500	.0493
							FOR ALPHA = 19.65 DEG							
0.	.0372	.0209	.0093	.0074	.0060	.0066	.0050	.0047	.0037	.0033	.0087	.0063	.0064	.0064
10.				.0086	.0084	.0079	.0067	.0055	.0065	.0090	.0091	.0090	.0092	.0092
20.		.0180	.0088	.0076	.0077	.0082	.0067	.0069	.0083	.0088	.0088	.0090	.0097	.0094
35.	.0107	.0141	.0050	.0049	.0048	.0025	.0284	-.0016	-.0016	-.0010	-.0012	-.0003	.0004	.0013
50.			.0073	.0026	.0009	.0328	-.0010	-.0038	-.0046	-.0048	-.0056	-.0059	-.0063	-.0058
65.				.0084	.0059	.0058	.0036	.0028	.0023	.0018	-.0003	.0002	.0027	.0022
90.	.0375	.0379	.0253	.0248	.0221	.0204	.0201	.0195	.0199	.0682	.0198	.0208	.0207	.0201
115.				.0569	.0508	.0491	.0484	.0486	.0462	.0493	.0492	.0478	.0489	.0480
130.			.0549	.0829	.0809		.0797	.0781	.0832	.0829	.0820	.0821	.0821	.0808
145.	.1379	.1474	.1334	.1349	.1378	.1388	.1543	.1386	.1404	.1396	.1400	.1406	.1427	.1416
160.		.2941	.2764	.2694	.2703	.2708	.2701	.2684	.2720	.2693	.2744	.2727	.2737	.2733
170.				.4962	.4974	.4982	.4961	.4889	.4820	.4779	.4712	.4683	.4648	.4626
180.		.7609	.6882	.7498	.7391	.7461	.7482	.7506	.7482	.7514	.7400	.7316	.7343	.7313
190.				.6862	.6879	.6890	.6959	.6894	.6837	.6825	.6725	.6723	.6709	.6698
200.		.5049	.4720	.4984	.5045	.5060	.5072	.5055	.5093	.5065	.5030	.4980	.4996	.5015
215.	.3481	.3650	.3434	.3440	.3518	.3529	.3598	.3504	.3519	.3523	.3509	.3506	.3520	.3495
230.			.2235	.2689	.2696		.2659	.2691	.2716	.2707	.2710	.2714	.2703	.2681
245.				.2202	.2233	.2213	.2247	.2213	.2243	.2246	.2247	.2225	.2235	.2224
270.	.1888	.1880	.1741	.1695	.1673	.1678	.1678	.1699	.1693	.2009	.1695	.1692	.1669	.1678
295.				.1311	.1308	.1300	.1304	.1300	.1287	.1290	.1256	.1244	.1266	.1273
310.			.1343	.0946	.1016	.1250	.1012	.0999	.0989	.0988	.0974	.0971	.0961	.0957
325.	.0757	.0743	.0708	.0749	.0692	.0693	.0875	.0682	.0675	.0679	.0657	.0661	.0655	.0664
340.		.0306	.0258	.0320	.0320	.0279	.0297	.0284	.0273	.0277	.0267	.0275	.0282	.0280
350.				.0083	.0046	.0035	.0024	.0022	.0020	.0015	.0009	.0003	.0009	.0015

TABLE II. - CONTINUED

(L) MACH = 3.95, BETA = 5.01 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 9.65 DEG								
0.	.0729	.0723	.0719	.0739	.0735	.0712	.0715	.0726	.0713	.0713	.0712	.0711	.0709	0.
10.	.0844	.0405	.0403	.0405	.0411	.0398	.0398	.0403	.0397	.0413	.0408	.0420	.0407	10.
20.	.0388	.0367	.0371	.0378	.0377	.0352	.0354	.0354	.0355	.0368	.0364	.0373	.0372	20.
35.	.0362	.0373	.0362	.0364	.0766	.0343	.0344	.0344	.0340	.0352	.0346	.0350	.0328	35.
50.	.0362	.0364	.0355	.0357	.0359	.0334	.0332	.0330	.0326	.0337	.0333	.0328	.0311	50.
65.	.0358	.0359	.0355	.0354	.0339	.0336	.0338	.0329	.0847	.0343	.0329	.0332	.0314	65.
90.	.0342	.0346	.0340	.0338	.0323	.0325	.0328	.0322	.0343	.0319	.0320	.0318	.0320	90.
115.	.0400	.0405	.0400	.0389	.0374	.0375	.0375	.0362		.0366	.0345	.0351	.0335	115.
130.	.0522	.0514	.0503	.0507	.0508	.0489	.0486	.0479	.0476	.0468	.0464	.0450	.0431	130.
145.	.0820	.0841	.0823	.0816		.0815	.0807	.0801	.0790	.0790	.0783	.0779	.0751	145.
160.	.1578	.1550	.1564	.1562	.1549	.1528	.1531	.1519	.1525	.1525	.1524	.1537	.1530	160.
170.		.2675	.2636	.2621	.2616	.2608	.2611	.2622	.2614	.2619	.2591	.2606	.2585	170.
180.	.4335	.4320	.4297	.4345	.4302	.4295	.4319	.4320	.4282	.4266	.4264	.4249	.4219	180.
190.		.4251	.4221	.4208	.4214	.4265	.4289	.4293	.4271	.4279	.4234	.4263	.4216	190.
200.	.3473	.3436	.3462	.3461	.3440	.3447	.3469	.3463	.3484	.3480	.3465	.3496	.3463	200.
215.	.2667	.2707	.2668	.2662		.2661	.2672	.2667	.2655	.2646	.2631	.2620	.2564	215.
230.	.2274	.2264	.2235	.2238	.2231	.2228	.2240	.2237	.2228	.2199	.2184	.2160	.2104	230.
245.	.2022	.2022	.2015	.2003	.1996	.2007	.2019	.1987		.1950	.1949	.1959	.1936	245.
270.	.1775	.1786	.1763	.1755	.1745	.1752	.1761	.1748	.1734	.1724	.1731	.1731	.1723	270.
295.	.1605	.1607	.1593	.1592	.1584	.1590	.1593	.1571	.1924	.1555	.1547	.1548	.1519	295.
310.	.1492	.1502	.1479	.1485	.1491	.1472	.1470	.1467	.1462	.1460	.1451	.1430	.1389	310.
325.	.1365	.1386	.1361	.1364	.1685	.1359	.1366	.1366	.1363	.1360	.1355	.1345	.1315	325.
340.	.1236	.1217	.1224	.1236	.1236	.1226	.1235	.1230	.1231	.1227	.1218	.1230	.1227	340.
350.	.1438	.1053	.1058	.1062	.1065	.1059	.1067	.1068	.1056	.1045	.1040	.1043	.1021	350.
						FOR ALPHA = 14.65 DEG								
0.	.0294	.0288	.0281	.0286	.0278	.0257	.0263	.0268	.0264	.0257	.0258	.0266	.0271	0.
10.	.0690	.0220	.0215	.0214	.0212	.0201	.0203	.0204	.0200	.0197	.0195	.0206	.0194	10.
20.	.0248	.0226	.0229	.0232	.0226	.0212	.0210	.0209	.0209	.0205	.0202	.0213	.0212	20.
35.	.0217	.0220	.0211	.0211	.0638	.0198	.0200	.0200	.0197	.0190	.0186	.0191	.0172	35.
50.	.0193	.0199	.0196	.0196	.0208	.0182	.0183	.0183	.0180	.0174	.0168	.0166	.0153	50.
65.	.0178	.0187	.0192	.0192	.0180	.0178	.0182	.0176	.0706	.0180	.0165	.0170	.0153	65.
90.	.0220	.0225	.0215	.0210	.0194	.0194	.0194	.0190	.0205	.0179	.0180	.0179	.0183	90.
115.	.0394	.0392	.0387	.0380	.0370	.0374	.0373	.0364		.0363	.0344	.0349	.0338	115.
130.	.0636	.0634	.0623	.0629	.0625	.0613	.0610	.0606	.0602	.0590	.0584	.0570	.0552	130.
145.	.1087	.1115	.1093	.1089		.1088	.1077	.1070	.1059	.1062	.1047	.1048	.1019	145.
160.	.2132	.2109	.2130	.2128	.2104	.2074	.2073	.2050	.2064	.2065	.2063	.2085	.2075	160.
170.		.3590	.3536	.3519	.3501	.3529	.3519	.3518	.3519	.3532	.3495	.3510	.3487	170.
180.	.5749	.5747	.5704	.5757	.5697	.5712	.5733	.5719	.5690	.5676	.5669	.5638	.5599	180.
190.		.5414	.5356	.5350	.5364	.5451	.5467	.5478	.5450	.5458	.5398	.5426	.5371	190.
200.	.4212	.4175	.4204	.4206	.4191	.4225	.4228	.4221	.4239	.4243	.4236	.4268	.4230	200.
215.	.3043	.3096	.3049	.3052		.3078	.3061	.3057	.3041	.3049	.3036	.3018	.2957	215.
230.	.2467	.2465	.2439	.2447	.2437	.2433	.2433	.2431	.2426	.2408	.2391	.2361	.2303	230.
245.	.2114	.2108	.2098	.2084	.2076	.2085	.2093	.2063		.2046	.2036	.2045	.2017	245.
270.	.1716	.1731	.1709	.1700	.1687	.1685	.1689	.1676	.1665	.1656	.1661	.1662	.1658	270.
295.	.1407	.1401	.1397	.1406	.1404	.1414	.1424	.1403	.1775	.1385	.1369	.1372	.1352	295.
310.	.1226	.1232	.1217	.1213	.1216	.1201	.1206	.1213	.1208	.1197	.1180	.1167	.1143	310.
325.	.1004	.1015	.0997	.1001	.1354	.0997	.1000	.1002	.0995	.0975	.0963	.0962	.0943	325.
340.	.0751	.0727	.0729	.0734	.0734	.0719	.0722	.0720	.0723	.0715	.0707	.0720	.0721	340.
350.	.0934	.0484	.0484	.0482	.0478	.0465	.0465	.0463	.0462	.0453	.0458	.0464	.0449	350.
						FOR ALPHA = 19.65 DEG								
0.	.0062	.0054	.0052	.0054	.0047	.0032	.0041	.0040	.0043	.0039	.0042	.0050	.0056	0.
10.	.0578	.0087	.0085	.0085	.0082	.0075	.0072	.0075	.0073	.0067	.0074	.0083	.0371	10.
20.	.0110	.0084	.0086	.0090	.0089	.0076	.0077	.0078	.0075	.0070	.0075	.0082	.0085	20.
35.	.0008	.0014	.0012	.0016	.0466	-.0000	.0004	.0009	.0002	.0004	.0000	.0007	-.0006	35.
50.	-.0044	-.0045	-.0052	-.0056	-.0039	-.0072	-.0073	-.0070	-.0077	-.0076	-.0078	-.0081	-.0082	50.
65.	.0016	.0016	.0011	.0007	-.0003	-.0011	-.0007	-.0009	.0549	-.0000	-.0020	-.0016	-.0029	65.
90.	.0199	.0203	.0199	.0197	.0183	.0181	.0183	.0181	.0195	.0170	.0171	.0170	.0174	90.
115.	.0485	.0487	.0488	.0480	.0472	.0478	.0476	.0464		.0455	.0435	.0440	.0428	115.
130.	.0817	.0820	.0813	.0818	.0814	.0802	.0797	.0793	.0785	.0764	.0756	.0740	.0711	130.
145.	.1401	.1438	.1411	.1408		.1412	.1399	.1390	.1374	.1364	.1345	.1340	.1302	145.
160.	.2735	.2711	.2736	.2733	.2704	.2669	.2669	.2635	.2643	.2633	.2635	.2674	.2654	160.
170.		.4569	.4503	.4488	.4472	.4512	.4487	.4490	.4469	.4480	.4457	.4509	.4466	170.
180.	.7322	.7282	.7253	.7307	.7229	.7247	.7266	.7244	.7201	.7195	.7204	.7194	.7126	180.
190.		.6670	.6609	.6586	.6608	.6688	.6687	.6707	.6690	.6717	.6641	.6700	.6632	190.
200.	.5034	.4987	.5024	.5011	.4987	.5016	.5037	.5010	.5038	.5050	.5040	.5090	.5038	200.
215.	.3469	.3538	.3483	.3482		.3512	.3496	.3481	.3470	.3479	.3457	.3433	.3365	215.
230.	.2693	.2687	.2672	.2684	.2669	.2665	.2663	.2653	.2649	.2630	.2617	.2574	.2508	230.
245.	.2233	.2221	.2215	.2205	.2192	.2204	.2207	.2172		.2153	.2141	.2140	.2117	245.
270.	.1672	.1682	.1669	.1666	.1652	.1647	.1650	.1644	.1645	.1643	.1647	.1639	.1628	270.
295.	.1270	.1265	.1254	.1250	.1246	.1245	.1255	.1248	.1661	.1264	.1252	.1246	.1219	295.
310.	.0979	.1001	.0981	.0982	.0994	.0969	.0964	.0963	.0963	.0972	.0966	.0949	.0924	310.
325.	.0649	.0639	.0638	.0663	.1073	.0668	.0663	.0661	.0661	.0664	.0666	.0661	.0636	325.
340.	.0294	.0268	.0268	.0273	.0277	.0254	.0247	.0261	.0291	.0303	.0298	.0308	.0304	340.
350.	.0518	.0012	.0018	.0017	.0011	-.0002	-.0002	-.0005	-.0014	-.0018	-.0027	-.0019	-.0013	350.

TABLE II. - CONTINUED

(M) MACH = 4.50, BETA = -.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.50 DEG								
0.	.3554	.3528	.3158	.3281	.3389	.3482	.3464	.3481	.3466	.3498	.3473	.3410	.3423	.3399
10.				.2680	.2765	.2815	.2852	.2818	.2789	.2780	.2778	.2764	.2751	.2743
20.		.1985	.1859	.1855	.1918	.1944	.1958	.1968	.1973	.1960	.1978	.1962	.1971	.1972
35.	.1452	.1437	.1370	.1302	.1353	.1356	.1549	.1362	.1385	.1392	.1374	.1375	.1399	.1399
50.			.1021	.1147	.1129	.1452	.1127	.1126	.1138	.1137	.1126	.1125	.1123	.1112
65.				.1009	.1004	.1014	.1024	.1029	.1022	.1020	.1010	.1001	.1012	.0997
90.	.1078	.1074	.0916	.0936	.0956	.0937	.0960	.0948	.0974	.1535	.0947	.0942	.0936	.0930
115.				.0921	.0921	.0923	.0938	.0930	.0925	.0936	.0929	.0922	.0930	.0922
130.			.0903	.0911	.0911	.1248	.0902	.0890	.0886	.0892	.0916	.0937	.0940	.0924
145.	.1030	.1066	.0901	.0920	.0927	.0912	.1150	.0890	.0920	.0932	.0925	.0931	.0934	.0946
160.		.1047	.0950	.1029	.0977	.0983	.0996	.1000	.1001	.1005	.1004	.0996	.1006	.1008
170.				.1140	.1102	.1110	.1153	.1153	.1147	.1156	.1142	.1139	.1140	.1143
180.	.1530	.1308	.1195	.1228	.1196	.1247	.1256	.1262	.1263	.1269	.1276	.1248	.1257	.1251
						FOR ALPHA = -3.50 DEG								
0.	.3087	.3031	.2745	.2799	.2900	.2990	.2982	.2998	.2978	.2998	.2975	.2917	.2939	.2917
10.				.2323	.2394	.2436	.2481	.2453	.2423	.2414	.2404	.2393	.2388	.2382
20.		.1762	.1695	.1682	.1702	.1730	.1744	.1754	.1765	.1743	.1753	.1738	.1748	.1752
35.	.1347	.1335	.1275	.1215	.1250	.1272	.1457	.1269	.1279	.1288	.1282	.1281	.1284	.1290
50.			.1010	.1071	.1061	.1409	.1092	.1087	.1095	.1094	.1083	.1086	.1087	.1076
65.				.0964	.0988	.1006	.1007	.1011	.1007	.1037	.0991	.0988	.0998	.0991
90.	.1104	.1108	.0943	.0958	.0958	.0970	.0969	.0957	.0995	.1552	.0968	.0967	.0958	.0955
115.				.0974	.0974	.0969	.0957	.0958	.0955	.0970	.0978	.0988	.0995	.0979
130.			.0952	.0982	.0977	.1303	.0965	.0961	.0975	.0985	.0984	.0993	.1000	.0985
145.	.1107	.1120	.0965	.1051	.1008	.0988	.1267	.1022	.1031	.1026	.1013	.1019	.1022	.1030
160.		.1187	.1086	.1152	.1154	.1151	.1153	.1168	.1177	.1168	.1161	.1151	.1160	.1161
170.				.1328	.1355	.1366	.1419	.1413	.1403	.1403	.1391	.1387	.1380	.1377
180.	.1824	.1637	.1488	.1501	.1493	.1567	.1571	.1588	.1588	.1602	.1593	.1551	.1558	.1548
						FOR ALPHA = -2.50 DEG								
0.	.2886	.2809	.2543	.2584	.2693	.2753	.2749	.2761	.2748	.2763	.2745	.2696	.2709	.2694
10.				.2149	.2214	.2255	.2302	.2275	.2248	.2240	.2234	.2222	.2219	.2216
20.		.1667	.1625	.1602	.1604	.1630	.1642	.1645	.1663	.1640	.1648	.1632	.1644	.1650
35.	.1306	.1296	.1202	.1172	.1209	.1227	.1418	.1222	.1233	.1235	.1234	.1233	.1236	.1238
50.			.0997	.1055	.1049	.1388	.1074	.1066	.1075	.1072	.1064	.1062	.1066	.1054
65.				.0971	.0993	.0987	.0998	.1004	.0997	.0998	.0989	.0980	.0988	.0980
90.	.1123	.1122	.0957	.0969	.0969	.0974	.0982	.0970	.0981	.1542	.0964	.0974	.0972	.0971
115.				.0994	.0994	.0985	.0970	.0965	.0956	.0978	.0994	.1001	.1009	.0995
130.			.0975	.1009	.1009	.1330	.0992	.1001	.1013	.1016	.1009	.1014	.1019	.1008
145.	.1151	.1154	.1000	.1100	.1031	.1043	.1315	.1069	.1075	.1074	.1063	.1065	.1066	.1075
160.		.1272	.1170	.1185	.1231	.1236	.1245	.1256	.1263	.1252	.1250	.1238	.1243	.1245
170.				.1476	.1500	.1506	.1561	.1550	.1541	.1539	.1530	.1520	.1514	.1512
180.	.1995	.1823	.1631	.1684	.1668	.1750	.1749	.1763	.1760	.1777	.1764	.1721	.1729	.1717
						FOR ALPHA = -1.50 DEG								
0.	.2678	.2582	.2346	.2373	.2449	.2518	.2517	.2527	.2520	.2533	.2511	.2467	.2484	.2477
10.				.1985	.2033	.2072	.2119	.2096	.2075	.2066	.2059	.2049	.2046	.2049
20.		.1564	.1511	.1510	.1493	.1529	.1533	.1539	.1553	.1540	.1540	.1524	.1540	.1546
35.	.1256	.1247	.1124	.1135	.1173	.1177	.1374	.1170	.1182	.1182	.1176	.1180	.1184	.1187
50.			.0985	.1039	.1023	.1369	.1048	.1046	.1044	.1042	.1033	.1031	.1039	.1030
65.				.0971	.0969	.0984	.0981	.0990	.0987	.0982	.0970	.0964	.0977	.0973
90.	.1133	.1124	.0964	.0974	.0975	.0972	.0971	.0963	.0965	.1537	.0974	.0981	.0979	.0980
115.				.1010	.1010	.1004	.0986	.0983	.0995	.1022	.1022	.1017	.1023	.1010
130.			.1001	.1040	.1037	.1346	.1034	.1040	.1037	.1032	.1025	.1031	.1037	.1030
145.	.1193	.1192	.1035	.1137	.1081	.1115	.1349	.1113	.1123	.1122	.1112	.1112	.1111	.1117
160.		.1361	.1259	.1308	.1311	.1325	.1337	.1344	.1351	.1340	.1341	.1325	.1332	.1333
170.				.1627	.1638	.1661	.1709	.1698	.1687	.1682	.1671	.1661	.1656	.1653
180.	.2166	.2013	.1844	.1857	.1849	.1934	.1939	.1950	.1949	.1960	.1945	.1902	.1911	.1897
						FOR ALPHA = -.50 DEG								
0.	.2488	.2373	.2159	.2181	.2224	.2295	.2296	.2316	.2312	.2324	.2297	.2262	.2282	.2280
10.				.1832	.1874	.1905	.1946	.1935	.1919	.1910	.1898	.1894	.1891	.1896
20.		.1472	.1409	.1429	.1397	.1434	.1431	.1443	.1454	.1446	.1445	.1433	.1445	.1451
35.	.1216	.1207	.1061	.1114	.1123	.1126	.1328	.1127	.1137	.1138	.1127	.1135	.1141	.1142
50.			.0977	.1020	.0991	.1339	.1021	.1021	.1026	.1016	.1004	.1008	.1014	.1007
65.				.0971	.0956	.0966	.0970	.0970	.0969	.0973	.0962	.0960	.0972	.0966
90.	.1136	.1119	.0963	.0978	.0975	.0967	.0964	.0952	.0929	.1498	.0958	.0987	.0989	.0987
115.				.1016	.1013	.1009	.1014	.1022	.1013	.1016	.1016	.1015	.1021	.1015
130.			.1016	.1056	.1046	.1360	.1066	.1059	.1067	.1059	.1044	.1041	.1043	.1038
145.	.1223	.1223	.1064	.1154	.1122	.1159	.1387	.1158	.1167	.1167	.1152	.1149	.1151	.1154
160.		.1440	.1354	.1419	.1397	.1419	.1429	.1433	.1444	.1432	.1426	.1408	.1413	.1419
170.				.1745	.1794	.1822	.1866	.1854	.1839	.1831	.1813	.1803	.1797	.1794
180.	.2345	.2198	.2043	.2032	.2053	.2138	.2133	.2149	.2145	.2156	.2131	.2087	.2099	.2086
						FOR ALPHA = .50 DEG								
0.	.2307	.2167	.1978	.2003	.2006	.2091	.2098	.2115	.2116	.2128	.2110	.2075	.2097	.2094
10.				.1687	.1712	.1749	.1793	.1784	.1770	.1763	.1752	.1751	.1752	.1756
20.		.1381	.1306	.1356	.1322	.1335	.1344	.1353	.1366	.1357	.1360	.1349	.1359	.1367
35.	.1176	.1169	.1009	.1095	.1050	.1088	.1287	.1086	.1097	.1098	.1085	.1093	.1096	.1102
50.			.0965	.0999	.0982	.1305	.1001	.0995	.1004	.0999	.0988	.0986	.0993	.0988
65.				.0961	.0956	.0951	.0951	.0959	.0953	.0955	.0959	.0963	.0977	.0970
90.	.1141	.1125	.0967	.0982	.0979	.0973	.0968	.0955	.0936	.1515	.0974	.0998	.0995	.0994
115.				.1033	.1023	.1040	.1041	.1041	.1039	.1042	.1030	.1024	.1033	.1027
130.			.1038	.1087	.1061	.1408	.1094	.1098	.1099	.1089	.1075	.1075	.1080	.1070
145.	.1279	.1273	.1121	.1179	.1196	.1202	.1438	.1210	.1219	.1218	.1209	.1207	.1208	.1207
160.		.1542	.1472	.1510	.1479	.1516	.1527	.1537	.1548	.1535	.1532	.1512	.1519	.1521
170.				.1888	.1960	.1988	.2039	.2026	.2006	.1992	.1979	.1970	.1961	.1955
180.	.2541	.2412	.2210	.2222	.2276	.2353	.2353	.2368	.2359	.2366	.2344	.2300	.2313	.2293

TABLE II. - CONTINUED

(M) MACH = 4.50, BETA = -.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.50 DEG								
0.	.3410	.3400	.3389	.3447	.3422	.3378	.3409	.3432	.3403	.3394	.3405	.3393	.3371	0.
10.	.3067	.2721	.2703	.2697	.2698	.2693	.2714	.2737	.2728	.2742	.2722	.2738	.2708	10.
20.	.1965	.1941	.1959	.1967	.1955	.1930	.1937	.1941	.1955	.1961	.1963	.1980	.1977	20.
35.	.1376	.1393	.1374	.1367	.1780	.1355	.1360	.1359	.1350	.1349	.1343	.1344	.1311	35.
50.	.1118	.1123	.1113	.1117	.1112	.1091	.1095	.1095	.1091	.1076	.1070	.1054	.1026	50.
65.	.0997	.0993	.0986	.0979	.0966	.0975	.0986	.0971	.1556	.0964	.0943	.0954	.0933	65.
90.	.0926	.0932	.0920	.0913	.0896	.0895	.0897	.0893	.0901	.0884	.0887	.0888	.0893	90.
115.	.0922	.0922	.0915	.0905	.0889	.0890	.0892	.0880	.1473	.0883	.0862	.0869	.0854	115.
130.	.0919	.0918	.0900	.0899	.0903	.0879	.0876	.0872	.0867	.0865	.0855	.0843	.0824	130.
145.	.0930	.0935	.0916	.0911	.1397	.0899	.0898	.0897	.0890	.0885	.0880	.0878	.0850	145.
160.	.1013	.0991	.0994	.1003	.0994	.0978	.0973	.0966	.0967	.0965	.0963	.0973	.0976	160.
170.	.1653	.1142	.1130	.1125	.1122	.1116	.1115	.1114	.1104	.1096	.1095	.1102	.1081	170.
180.	.1253	.1255	.1243	.1265	.1256	.1230	.1225	.1229	.1217	.1200	.1207	.1198	.1197	180.
						FOR ALPHA = -3.50 DEG								
0.	.2925	.2926	.2922	.2989	.2971	.2922	.2932	.2949	.2923	.2914	.2921	.2904	.2888	0.
10.	.2751	.2369	.2358	.2359	.2365	.2362	.2375	.2385	.2375	.2380	.2362	.2370	.2346	10.
20.	.1753	.1728	.1743	.1752	.1745	.1727	.1736	.1736	.1746	.1742	.1741	.1751	.1755	20.
35.	.1275	.1291	.1272	.1267	.1699	.1257	.1264	.1266	.1260	.1260	.1250	.1247	.1216	35.
50.	.1075	.1072	.1062	.1070	.1073	.1055	.1062	.1062	.1058	.1045	.1037	.1018	.0997	50.
65.	.0994	.0993	.0987	.0980	.0965	.0965	.0971	.0958	.1544	.0955	.0936	.0946	.0929	65.
90.	.0955	.0964	.0952	.0946	.0926	.0924	.0925	.0920	.0921	.0902	.0908	.0908	.0910	90.
115.	.0976	.0970	.0960	.0948	.0931	.0931	.0932	.0919	.1500	.0911	.0896	.0906	.0889	115.
130.	.0980	.0979	.0961	.0957	.0958	.0934	.0930	.0927	.0923	.0909	.0908	.0895	.0877	130.
145.	.1016	.1022	.1006	.1000	.1476	.0987	.0987	.0985	.0979	.0966	.0967	.0965	.0935	145.
160.	.1163	.1139	.1147	.1158	.1152	.1136	.1136	.1134	.1134	.1119	.1122	.1131	.1132	160.
170.	.1859	.1373	.1367	.1366	.1367	.1360	.1366	.1369	.1355	.1334	.1330	.1343	.1317	170.
180.	.1558	.1555	.1552	.1588	.1574	.1536	.1540	.1550	.1529	.1500	.1506	.1500	.1491	180.
						FOR ALPHA = -2.50 DEG								
0.	.2706	.2712	.2709	.2766	.2743	.2693	.2698	.2722	.2697	.2686	.2695	.2686	.2676	0.
10.	.2599	.2207	.2195	.2198	.2202	.2197	.2201	.2217	.2204	.2210	.2196	.2203	.2181	10.
20.	.1654	.1627	.1640	.1653	.1649	.1631	.1635	.1633	.1638	.1644	.1638	.1649	.1651	20.
35.	.1222	.1239	.1224	.1219	.1657	.1212	.1218	.1222	.1215	.1219	.1209	.1204	.1171	35.
50.	.1057	.1054	.1039	.1041	.1044	.1033	.1041	.1044	.1044	.1037	.1026	.1007	.0983	50.
65.	.0987	.0985	.0982	.0977	.0959	.0966	.0973	.0962	.1540	.0961	.0936	.0944	.0926	65.
90.	.0970	.0978	.0966	.0958	.0938	.0934	.0938	.0933	.0929	.0916	.0921	.0917	.0920	90.
115.	.0991	.0986	.0976	.0966	.0951	.0951	.0955	.0941	.1517	.0937	.0921	.0929	.0909	115.
130.	.1005	.1004	.0985	.0983	.0988	.0962	.0958	.0956	.0949	.0939	.0941	.0924	.0903	130.
145.	.1060	.1064	.1047	.1041	.1514	.1027	.1024	.1025	.1018	.1010	.1015	.1014	.0983	145.
160.	.1246	.1221	.1228	.1239	.1230	.1214	.1214	.1214	.1216	.1209	.1216	.1221	.1223	160.
170.	.1973	.1502	.1492	.1490	.1490	.1489	.1495	.1504	.1489	.1473	.1470	.1478	.1453	170.
180.	.1720	.1723	.1714	.1754	.1740	.1709	.1712	.1726	.1704	.1679	.1684	.1673	.1670	180.
						FOR ALPHA = -1.50 DEG								
0.	.2490	.2497	.2488	.2538	.2515	.2472	.2477	.2500	.2474	.2451	.2465	.2462	.2460	0.
10.	.2453	.2045	.2035	.2035	.2035	.2032	.2039	.2051	.2039	.2032	.2018	.2033	.2013	10.
20.	.1550	.1527	.1542	.1556	.1549	.1531	.1530	.1532	.1536	.1527	.1523	.1539	.1540	20.
35.	.1168	.1183	.1170	.1169	.1616	.1165	.1169	.1174	.1167	.1159	.1151	.1150	.1117	35.
50.	.1032	.1032	.1020	.1022	.1026	.1009	.1015	.1022	.1022	.1007	.0999	.0984	.0960	50.
65.	.0977	.0977	.0976	.0971	.0957	.0960	.0969	.0956	.1529	.0946	.0927	.0934	.0915	65.
90.	.0977	.0982	.0970	.0962	.0943	.0940	.0945	.0939	.0929	.0913	.0916	.0915	.0919	90.
115.	.1008	.1004	.0995	.0985	.0966	.0965	.0968	.0955	.1521	.0945	.0924	.0936	.0920	115.
130.	.1029	.1029	.1010	.1010	.1010	.0987	.0983	.0983	.0976	.0963	.0953	.0942	.0923	130.
145.	.1100	.1106	.1088	.1082	.1545	.1065	.1063	.1065	.1058	.1051	.1043	.1045	.1021	145.
160.	.1336	.1312	.1317	.1325	.1313	.1294	.1293	.1293	.1297	.1284	.1287	.1296	.1301	160.
170.	.2096	.1643	.1627	.1622	.1621	.1619	.1626	.1636	.1624	.1610	.1601	.1609	.1583	170.
180.	.1901	.1900	.1889	.1928	.1912	.1881	.1886	.1905	.1879	.1855	.1858	.1845	.1836	180.
						FOR ALPHA = -.50 DEG								
0.	.2291	.2294	.2283	.2331	.2308	.2268	.2279	.2298	.2272	.2244	.2256	.2257	.2253	0.
10.	.2322	.1898	.1886	.1884	.1882	.1881	.1893	.1902	.1887	.1871	.1862	.1876	.1860	10.
20.	.1458	.1441	.1454	.1467	.1459	.1442	.1445	.1444	.1445	.1429	.1423	.1440	.1444	20.
35.	.1121	.1138	.1124	.1126	.1584	.1128	.1136	.1136	.1128	.1108	.1100	.1105	.1073	35.
50.	.1012	.1019	.1004	.1009	.1017	.1001	.1008	.1010	.1007	.0979	.0970	.0958	.0935	50.
65.	.0975	.0976	.0974	.0968	.0955	.0959	.0964	.0955	.1528	.0935	.0917	.0926	.0908	65.
90.	.0985	.0989	.0976	.0968	.0950	.0950	.0951	.0944	.0932	.0918	.0922	.0918	.0921	90.
115.	.1020	.1015	.1006	.0995	.0979	.0979	.0981	.0967	.1530	.0964	.0946	.0951	.0930	115.
130.	.1047	.1049	.1031	.1030	.1030	.1009	.1004	.1003	.0998	.0991	.0983	.0965	.0939	130.
145.	.1140	.1144	.1124	.1117	.1581	.1109	.1107	.1107	.1099	.1099	.1093	.1091	.1057	145.
160.	.1426	.1400	.1405	.1411	.1400	.1381	.1379	.1374	.1379	.1379	.1381	.1392	.1389	160.
170.	.2227	.1787	.1768	.1759	.1762	.1758	.1766	.1773	.1765	.1758	.1754	.1759	.1731	170.
180.	.2092	.2091	.2074	.2111	.2098	.2063	.2070	.2086	.2066	.2036	.2055	.2041	.2024	180.
						FOR ALPHA = .50 DEG								
0.	.2103	.2102	.2088	.2131	.2112	.2074	.2079	.2095	.2072	.2061	.2078	.2079	.2067	0.
10.	.2203	.1756	.1742	.1740	.1738	.1734	.1742	.1749	.1739	.1729	.1730	.1741	.1719	10.
20.	.1378	.1356	.1366	.1379	.1370	.1353	.1353	.1349	.1351	.1340	.1345	.1356	.1358	20.
35.	.1085	.1095	.1083	.1083	.1545	.1083	.1089	.1090	.1083	.1075	.1071	.1069	.1037	35.
50.	.0997	.1000	.0989	.0993	.1000	.0982	.0988	.0990	.0987	.0972	.0966	.0946	.0923	50.
65.	.0972	.0970	.0964	.0956	.0943	.0948	.0954	.0945	.1529	.0939	.0921	.0925	.0904	65.
90.	.0989	.0994	.0981	.0973	.0955	.0955	.0957	.0950	.0951	.0929	.0931	.0923	.0925	90.
115.	.1033	.1030	.1026	.1019	.1003	.1005	.1007	.0994	.1573	.0986	.0963	.0964	.0943	115.
130.	.1076	.1075	.1059	.1058	.1060	.1040	.1037	.1036	.1030	.1020	.1007	.0988	.0963	130.
145.	.1186	.1200	.1182	.1177	.1629	.1166	.1164	.1162	.1151	.1148	.1138	.1134	.1101	145.
160.	.1523	.1499	.1507	.1513	.1501	.1481	.1478	.1476	.1478	.1479	.1476	.1487	.1484	160.
170.	.2367	.1943	.1924	.1918	.1915	.1914	.1922	.1934	.1921	.1926	.1909	.1918	.1886	170.
180.	.2297	.2296	.2278	.2322	.2297	.2258	.2275	.2294	.2271	.2264	.2262	.2250	.2226	180.

TABLE II. - CONTINUED

(M) MACH = 4.50, BETA = -.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 1.50 DEG								
0.	.2124	.1967	.1783	.1816	.1807	.1899	.1894	.1913	.1912	.1932	.1920	.1884	.1902	.1891
10.				.1546	.1562	.1591	.1633	.1627	.1615	.1614	.1606	.1604	.1603	.1607
20.		.1291	.1200	.1244	.1234	.1251	.1257	.1262	.1272	.1263	.1265	.1256	.1267	.1275
35.	.1133	.1129	.0969	.1063	.0989	.1043	.1247	.1040	.1050	.1050	.1037	.1039	.1043	.1053
50.			.0939	.0972	.0964	.1275	.0964	.0964	.0967	.0967	.0958	.0961	.0971	.0967
65.				.0946	.0943	.0937	.0920	.0912	.0908	.0940	.0953	.0956	.0964	.0952
90.	.1136	.1128	.0964	.0975	.0974	.0974	.0973	.0966	.0962	.1538	.0970	.0980	.0981	.0982
115.				.1039	.1035	.1059	.1055	.1061	.1055	.1049	.1037	.1035	.1045	.1039
130.			.1051	.1114	.1091	.1438	.1126	.1124	.1119	.1116	.1104	.1106	.1109	.1098
145.	.1329	.1320	.1185	.1210	.1244	.1254	.1483	.1255	.1267	.1266	.1260	.1257	.1257	.1257
160.		.1643	.1578	.1597	.1574	.1619	.1627	.1638	.1651	.1637	.1633	.1613	.1622	.1624
170.				.2048	.2118	.2158	.2211	.2198	.2171	.2157	.2148	.2134	.2126	.2121
180.	.2742	.2633	.2399	.2418	.2500	.2574	.2574	.2589	.2578	.2586	.2563	.2517	.2526	.2508
						FOR ALPHA = 2.50 DEG								
0.	.1947	.1771	.1617	.1626	.1620	.1712	.1712	.1727	.1731	.1754	.1752	.1711	.1725	.1715
10.				.1414	.1422	.1439	.1488	.1482	.1474	.1478	.1477	.1471	.1472	.1473
20.		.1202	.1105	.1136	.1145	.1161	.1163	.1176	.1184	.1178	.1183	.1176	.1191	.1197
35.	.1091	.1087	.0930	.1027	.0973	.0971	.1203	.0990	.1008	.1006	.0995	.0999	.1007	.1019
50.			.0909	.0940	.0937	.1267	.0917	.0931	.0942	.0945	.0939	.0948	.0959	.0951
65.				.0926	.0924	.0919	.0900	.0901	.0890	.0896	.0913	.0934	.0950	.0938
90.	.1121	.1119	.0952	.0965	.0966	.0967	.0980	.0963	.0969	.1543	.0969	.0972	.0969	.0971
115.				.1032	.1058	.1061	.1062	.1068	.1056	.1058	.1045	.1040	.1049	.1042
130.			.1065	.1128	.1124	.1452	.1143	.1133	.1137	.1134	.1125	.1128	.1130	.1118
145.	.1378	.1368	.1260	.1252	.1286	.1302	.1518	.1298	.1306	.1309	.1305	.1304	.1307	.1308
160.		.1746	.1683	.1682	.1683	.1715	.1728	.1736	.1751	.1728	.1733	.1717	.1722	.1722
170.				.2217	.2292	.2333	.2384	.2367	.2335	.2326	.2317	.2302	.2288	.2283
180.	.2952	.2855	.2588	.2620	.2727	.2797	.2796	.2812	.2797	.2812	.2786	.2735	.2741	.2723
						FOR ALPHA = 4.50 DEG								
0.	.1638	.1435	.1313	.1317	.1309	.1372	.1388	.1403	.1410	.1424	.1425	.1383	.1394	.1386
10.				.1207	.1165	.1197	.1233	.1232	.1227	.1227	.1220	.1216	.1219	.1220
20.		.1055	.0957	.1034	.0997	.0992	.1004	.1021	.1033	.1028	.1028	.1020	.1036	.1040
35.	.1018	.1035	.0873	.0929	.0919	.0889	.1090	.0903	.0923	.0927	.0915	.0918	.0929	.0944
50.			.0868	.0890	.0885	.1227	.0873	.0862	.0846	.0846	.0857	.0892	.0917	.0908
65.				.0889	.0889	.0889	.0869	.0884	.0878	.0887	.0886	.0891	.0904	.0896
90.	.1092	.1099	.0931	.0951	.0961	.0955	.0960	.0964	.0976	.1543	.0959	.0955	.0948	.0943
115.				.1065	.1050	.1081	.1082	.1096	.1085	.1080	.1066	.1061	.1073	.1062
130.			.1092	.1191	.1181	.1503	.1184	.1181	.1191	.1185	.1174	.1174	.1174	.1159
145.	.1477	.1470	.1407	.1330	.1384	.1405	.1612	.1399	.1410	.1414	.1407	.1403	.1414	.1421
160.		.1963	.1869	.1855	.1905	.1932	.1946	.1955	.1962	.1941	.1952	.1937	.1939	.1939
170.				.2598	.2670	.2714	.2757	.2725	.2695	.2688	.2678	.2662	.2646	.2637
180.	.3403	.3340	.3019	.3090	.3199	.3289	.3270	.3288	.3276	.3303	.3271	.3207	.3215	.3192
						FOR ALPHA = 9.50 DEG								
0.	.1090	.0807	.0706	.0740	.0723	.0739	.0739	.0741	.0744	.0746	.0776	.0739	.0744	.0742
10.				.0703	.0699	.0699	.0707	.0685	.0672	.0694	.0700	.0699	.0700	.0700
20.		.0815	.0673	.0684	.0676	.0672	.0669	.0666	.0656	.0645	.0654	.0665	.0688	.0692
35.	.0786	.0804	.0682	.0687	.0679	.0680	.0930	.0684	.0687	.0676	.0662	.0676	.0694	.0710
50.			.0725	.0702	.0706	.1097	.0709	.0741	.0733	.0719	.0699	.0701	.0724	.0716
65.				.0778	.0753	.0803	.0776	.0763	.0773	.0764	.0759	.0754	.0763	.0751
90.	.1033	.1013	.0833	.0903	.0897	.0894	.0884	.0885	.0895	.1461	.0868	.0868	.0865	.0861
115.				.1076	.1066	.1096	.1088	.1089	.1087	.1086	.1074	.1051	.1062	.1062
130.			.1076	.1278	.1299	.1577	.1278	.1270	.1285	.1277	.1266	.1268	.1292	.1277
145.	.1733	.1747	.1619	.1652	.1648	.1665	.1848	.1671	.1657	.1673	.1689	.1685	.1696	.1690
160.		.2560	.2441	.2401	.2481	.2513	.2518	.2506	.2534	.2515	.2538	.2512	.2517	.2517
170.				.3626	.3705	.3733	.3746	.3706	.3663	.3647	.3646	.3627	.3608	.3598
180.	.4626	.4661	.3980	.4525	.4533	.4604	.4567	.4588	.4580	.4602	.4562	.4491	.4513	.4479
						FOR ALPHA = 14.50 DEG								
0.	.0754	.0487	.0372	.0369	.0347	.0349	.0335	.0328	.0312	.0297	.0363	.0339	.0359	.0362
10.				.0359	.0345	.0342	.0351	.0348	.0341	.0338	.0323	.0328	.0340	.0349
20.		.0483	.0377	.0366	.0387	.0382	.0386	.0380	.0362	.0367	.0352	.0357	.0366	.0369
35.	.0541	.0513	.0430	.0430	.0424	.0479	.0733	.0444	.0416	.0414	.0421	.0410	.0420	.0432
50.			.0556	.0554	.0541	.0918	.0506	.0497	.0513	.0507	.0495	.0489	.0498	.0489
65.				.0590	.0630	.0665	.0626	.0607	.0610	.0600	.0579	.0587	.0595	.0585
90.	.0998	.0981	.0801	.0850	.0844	.0816	.0813	.0807	.0814	.1399	.0792	.0775	.0782	.0802
115.				.1166	.1160	.1136	.1143	.1148	.1130	.1110	.1132	.1139	.1147	.1138
130.			.1107	.1474	.1437	.1728	.1431	.1428	.1406	.1441	.1448	.1450	.1443	.1428
145.	.2038	.2097	.1850	.1941	.1984	.1997	.2149	.1964	.1989	.2004	.2011	.2001	.2012	.2001
160.		.3258	.3028	.3072	.3135	.3144	.3128	.3128	.3168	.3146	.3182	.3146	.3150	.3152
170.				.4801	.4823	.4827	.4819	.4777	.4722	.4704	.4694	.4671	.4648	.4642
180.	.5999	.6138	.5484	.6031	.5962	.6017	.5984	.6033	.5999	.6035	.5944	.5858	.5877	.5857
						FOR ALPHA = 19.50 DEG								
0.	.0544	.0272	.0182	.0172	.0150	.0156	.0141	.0149	.0151	.0141	.0197	.0158	.0169	.0169
10.				.0142	.0129	.0128	.0119	.0121	.0104	.0096	.0084	.0070	.0083	.0108
20.		.0235	.0131	.0124	.0114	.0159	.0125	.0118	.0095	.0084	.0090	.0091	.0090	.0089
35.	.0326	.0270	.0207	.0224	.0220	.0224	.0516	.0190	.0197	.0171	.0164	.0164	.0169	.0176
50.			.0548	.0332	.0373	.0731	.0351	.0317	.0310	.0316	.0306	.0306	.0302	.0283
65.				.0552	.0513	.0525	.0500	.0494	.0499	.0507	.0473	.0460	.0498	.0505
90.	.1001	.0988	.0868	.0827	.0823	.0803	.0801	.0803	.0787	.1366	.0793	.0802	.0802	.0796
115.				.1288	.1243	.1246	.1237	.1215	.1230	.1234	.1235	.1217	.1224	.1207
130.			.1360	.1707	.1650	.1912	.1613	.1621	.1644	.1646	.1636	.1630	.1623	.1608
145.	.2352	.2453	.2265	.2309	.2353	.2361	.2490	.2338	.2361	.2350	.2350	.2343	.2358	.2349
160.		.3992	.3681	.3800	.3839	.3834	.3840	.3835	.3862	.3837	.3882	.3841	.3842	.3849
170.				.6059	.6006	.6015	.6034	.5958	.5885	.5862	.5799	.5770	.5740	.5735
180.	.7488	.7716	.6930	.7687	.7505	.7582	.7592	.7613	.7570	.7608	.7447	.7364	.7385	.7371

TABLE II. - CONTINUED

(M) MACH = 4.50, BETA = -.02 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 1.50 DEG								
0.	.1898	.1901	.1888	.1929	.1911	.1872	.1874	.1890	.1873	.1880	.1890	.1886	.1881	0.
10.	.2065	.1605	.1592	.1589	.1588	.1582	.1586	.1593	.1580	.1591	.1583	.1597	.1579	10.
20.	.1285	.1264	.1271	.1283	.1276	.1255	.1254	.1250	.1250	.1257	.1253	.1268	.1278	20.
35.	.1040	.1055	.1041	.1039	.1506	.1030	.1033	.1034	.1027	.1031	.1026	.1028	.0997	35.
50.	.0970	.0974	.0963	.0968	.0972	.0955	.0956	.0956	.0952	.0948	.0940	.0925	.0904	50.
65.	.0954	.0949	.0946	.0940	.0927	.0931	.0936	.0924	.1527	.0928	.0909	.0913	.0893	65.
90.	.0982	.0988	.0976	.0969	.0953	.0951	.0952	.0945	.0951	.0928	.0931	.0927	.0928	90.
115.	.1039	.1037	.1032	.1026	.1021	.1026	.1027	.1012	.1579	.0999	.0977	.0981	.0956	115.
130.	.1095	.1093	.1079	.1078	.1084	.1066	.1065	.1064	.1060	.1049	.1038	.1021	.0992	130.
145.	.1240	.1252	.1233	.1227	.1676	.1220	.1216	.1212	.1199	.1195	.1184	.1183	.1146	145.
160.	.1622	.1597	.1604	.1610	.1598	.1580	.1583	.1574	.1576	.1566	.1569	.1586	.1578	160.
170.	.2513	.2102	.2082	.2076	.2072	.2071	.2080	.2092	.2075	.2071	.2066	.2076	.2041	170.
180.	.2510	.2503	.2488	.2536	.2504	.2468	.2482	.2503	.2475	.2460	.2467	.2456	.2435	180.
						FOR ALPHA = 2.50 DEG								
0.	.1720	.1721	.1711	.1749	.1731	.1690	.1692	.1713	.1701	.1684	.1700	.1695	.1688	0.
10.	.1943	.1466	.1458	.1455	.1455	.1442	.1447	.1457	.1448	.1437	.1439	.1456	.1434	10.
20.	.1204	.1177	.1187	.1199	.1191	.1166	.1167	.1167	.1168	.1154	.1162	.1179	.1185	20.
35.	.1004	.1016	.1004	.1004	.1475	.0987	.0990	.0991	.0984	.0973	.0971	.0972	.0941	35.
50.	.0953	.0954	.0943	.0947	.0949	.0926	.0927	.0930	.0927	.0914	.0906	.0893	.0872	50.
65.	.0935	.0933	.0930	.0925	.0908	.0913	.0921	.0913	.1493	.0906	.0887	.0892	.0871	65.
90.	.0971	.0981	.0970	.0963	.0940	.0941	.0942	.0938	.0930	.0915	.0919	.0914	.0918	90.
115.	.1047	.1047	.1041	.1034	.1016	.1024	.1024	.1010	.1568	.0996	.0974	.0976	.0958	115.
130.	.1119	.1115	.1097	.1099	.1095	.1083	.1083	.1082	.1076	.1066	.1054	.1032	.1006	130.
145.	.1292	.1305	.1284	.1275	.1709	.1256	.1254	.1250	.1237	.1234	.1226	.1220	.1188	145.
160.	.1720	.1694	.1701	.1709	.1694	.1672	.1670	.1664	.1666	.1656	.1661	.1676	.1675	160.
170.	.2658	.2262	.2241	.2236	.2232	.2227	.2233	.2242	.2230	.2224	.2216	.2227	.2199	170.
180.	.2725	.2719	.2703	.2753	.2722	.2673	.2686	.2704	.2684	.2653	.2672	.2663	.2643	180.
						FOR ALPHA = 4.50 DEG								
0.	.1388	.1391	.1381	.1413	.1396	.1366	.1372	.1396	.1383	.1371	.1379	.1374	.1367	0.
10.	.1722	.1215	.1206	.1204	.1201	.1193	.1203	.1212	.1204	.1199	.1196	.1210	.1188	10.
20.	.1045	.1020	.1026	.1037	.1029	.1010	.1014	.1012	.1013	.1006	.1015	.1028	.1035	20.
35.	.0926	.0936	.0921	.0917	.1402	.0901	.0907	.0907	.0900	.0888	.0891	.0889	.0861	35.
50.	.0907	.0906	.0894	.0895	.0896	.0875	.0878	.0878	.0874	.0860	.0857	.0844	.0821	50.
65.	.0898	.0899	.0897	.0892	.0878	.0881	.0890	.0881	.1477	.0870	.0853	.0858	.0836	65.
90.	.0943	.0954	.0946	.0942	.0929	.0927	.0932	.0929	.0927	.0902	.0909	.0904	.0908	90.
115.	.1064	.1059	.1053	.1043	.1038	.1039	.1046	.1032	.1590	.1013	.0991	.0996	.0975	115.
130.	.1162	.1166	.1154	.1158	.1168	.1147	.1143	.1137	.1129	.1103	.1093	.1073	.1046	130.
145.	.1398	.1409	.1385	.1380	.1808	.1373	.1368	.1361	.1347	.1330	.1322	.1319	.1285	145.
160.	.1933	.1906	.1918	.1923	.1906	.1892	.1890	.1881	.1884	.1868	.1866	.1887	.1883	160.
170.	.2979	.2613	.2590	.2580	.2575	.2580	.2582	.2589	.2575	.2571	.2558	.2573	.2540	170.
180.	.3194	.3191	.3173	.3223	.3190	.3146	.3156	.3168	.3141	.3123	.3132	.3117	.3094	180.
						FOR ALPHA = 9.50 DEG								
0.	.0743	.0748	.0745	.0765	.0756	.0737	.0743	.0754	.0745	.0733	.0732	.0728	.0733	0.
10.	.1281	.0705	.0701	.0704	.0701	.0695	.0697	.0701	.0692	.0692	.0692	.0705	.0686	10.
20.	.0706	.0676	.0677	.0686	.0678	.0663	.0663	.0663	.0663	.0661	.0664	.0673	.0675	20.
35.	.0699	.0706	.0684	.0679	.1194	.0661	.0663	.0667	.0664	.0660	.0662	.0666	.0638	35.
50.	.0718	.0719	.0710	.0713	.0720	.0692	.0692	.0692	.0688	.0682	.0685	.0673	.0659	50.
65.	.0757	.0758	.0755	.0749	.0737	.0741	.0746	.0741	.1369	.0741	.0721	.0723	.0702	65.
90.	.0863	.0869	.0858	.0854	.0849	.0855	.0857	.0851	.0859	.0832	.0837	.0833	.0837	90.
115.	.1077	.1081	.1071	.1057	.1048	.1053	.1052	.1034	.1591	.1025	.1004	.1009	.0991	115.
130.	.1273	.1270	.1253	.1256	.1257	.1240	.1236	.1227	.1218	.1206	.1198	.1176	.1146	130.
145.	.1665	.1681	.1650	.1644	.2040	.1637	.1630	.1619	.1601	.1603	.1596	.1590	.1555	145.
160.	.2510	.2473	.2489	.2488	.2465	.2442	.2442	.2428	.2433	.2433	.2440	.2469	.2463	160.
170.	.3866	.3558	.3525	.3506	.3497	.3491	.3495	.3495	.3485	.3499	.3488	.3513	.3480	170.
180.	.4490	.4478	.4454	.4508	.4465	.4404	.4420	.4417	.4386	.4375	.4402	.4397	.4355	180.
						FOR ALPHA = 14.50 DEG								
0.	.0361	.0367	.0361	.0370	.0350	.0335	.0342	.0346	.0352	.0342	.0345	.0354	.0364	0.
10.	.0982	.0357	.0351	.0352	.0346	.0339	.0340	.0344	.0343	.0338	.0337	.0354	.0334	10.
20.	.0402	.0366	.0366	.0375	.0370	.0358	.0361	.0362	.0360	.0356	.0357	.0368	.0373	20.
35.	.0434	.0432	.0418	.0420	.0977	.0406	.0413	.0420	.0415	.0411	.0404	.0414	.0382	35.
50.	.0503	.0505	.0499	.0507	.0516	.0480	.0479	.0487	.0488	.0488	.0477	.0471	.0458	50.
65.	.0591	.0583	.0592	.0601	.0591	.0588	.0592	.0590	.1228	.0592	.0562	.0565	.0541	65.
90.	.0816	.0818	.0806	.0803	.0788	.0783	.0783	.0779	.0782	.0759	.0759	.0756	.0761	90.
115.	.1138	.1132	.1122	.1111	.1105	.1109	.1108	.1093	.1635	.1080	.1060	.1061	.1046	115.
130.	.1428	.1424	.1406	.1410	.1411	.1398	.1393	.1386	.1380	.1358	.1351	.1326	.1298	130.
145.	.1976	.2007	.1973	.1967	.2335	.1967	.1955	.1943	.1927	.1918	.1913	.1904	.1868	145.
160.	.3146	.3115	.3131	.3128	.3106	.3078	.3078	.3062	.3075	.3069	.3073	.3105	.3094	160.
170.	.4833	.4602	.4553	.4535	.4528	.4518	.4513	.4528	.4514	.4520	.4489	.4526	.4492	170.
180.	.5875	.5864	.5830	.5887	.5820	.5790	.5804	.5795	.5747	.5744	.5757	.5757	.5708	180.
						FOR ALPHA = 19.50 DEG								
0.	.0167	.0166	.0165	.0171	.0150	.0145	.0151	.0151	.0161	.0130	.0141	.0157	.0171	0.
10.	.0774	.0125	.0118	.0121	.0114	.0107	.0107	.0110	.0116	.0097	.0104	.0122	.0102	10.
20.	.0120	.0089	.0092	.0109	.0102	.0093	.0098	.0098	.0102	.0086	.0089	.0106	.0111	20.
35.	.0177	.0166	.0145	.0162	.0772	.0169	.0168	.0170	.0169	.0149	.0152	.0157	.0136	35.
50.	.0323	.0337	.0327	.0327	.0337	.0299	.0298	.0298	.0298	.0285	.0283	.0278	.0277	50.
65.	.0507	.0503	.0498	.0490	.0474	.0471	.0477	.0480	.1135	.0478	.0455	.0458	.0442	65.
90.	.0793	.0799	.0792	.0788	.0771	.0768	.0769	.0771	.0772	.0750	.0755	.0752	.0758	90.
115.	.1210	.1210	.1207	.1200	.1188	.1193	.1192	.1177	.1708	.1168	.1155	.1160	.1143	115.
130.	.1613	.1610	.1603	.1614	.1602	.1589	.1586	.1583	.1575	.1559	.1553	.1530	.1495	130.
145.	.2323	.2369	.2336	.2337	.2662	.2330	.2322	.2315	.2293	.2293	.2275	.2268	.2225	145.
160.	.3843	.3812	.3846	.3842	.3809	.3772	.3778	.3745	.3752	.3743	.3750	.3793	.3769	160.
170.	.5873	.5700	.5648	.5628	.5613	.5625	.5612	.5612	.5596	.5605	.5563	.5602	.5559	170.
180.	.7389	.7395	.7378	.7437	.7345	.7325	.7339	.7295	.7259	.7227	.7231	.7213	.7174	180.

TABLE II. - CONTINUED

(N) MACH = 4.50, BETA = .99 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.50 DEG								
0.	.3560	.3530	.3155	.3268	.3369	.3459	.3446	.3468	.3455	.3489	.3465	.3395	.3402	.3374
10.				.2514	.2618	.2660	.2697	.2667	.2632	.2627	.2630	.2610	.2592	.2578
20.		.1827	.1648	.1684	.1731	.1751	.1773	.1777	.1793	.1779	.1796	.1784	.1792	.1786
35.	.1295	.1272	.1240	.1183	.1182	.1190	.1388	.1191	.1212	.1212	.1192	.1209	.1227	.1227
50.			.0868	.0979	.0988	.1303	.0962	.0961	.0971	.0970	.0964	.0966	.0967	.0952
65.				.0863	.0846	.0875	.0872	.0870	.0865	.0866	.0854	.0851	.0864	.0851
90.	.0950	.0950	.0796	.0807	.0828	.0810	.0818	.0824	.0827	.1399	.0798	.0798	.0792	.0786
115.				.0809	.0803	.0808	.0791	.0805	.0803	.0806	.0789	.0784	.0795	.0783
130.			.0794	.0803	.0795	.1140	.0784	.0764	.0754	.0758	.0772	.0791	.0804	.0788
145.	.0928	.0954	.0792	.0821	.0815	.0802	.1060	.0772	.0796	.0810	.0802	.0804	.0805	.0809
160.		.0946	.0853	.0905	.0886	.0871	.0876	.0884	.0893	.0885	.0880	.0869	.0877	.0880
170.				.1057	.1045	.1038	.1081	.1071	.1065	.1063	.1054	.1048	.1048	.1049
180.	.1528	.1308	.1195	.1232	.1198	.1235	.1247	.1261	.1259	.1267	.1275	.1238	.1247	.1239
190.				.1202	.1177	.1176	.1217	.1227	.1213	.1205	.1197	.1195	.1192	.1193
200.		.1150	.1062	.1122	.1091	.1048	.1083	.1108	.1099	.1079	.1075	.1077	.1087	.1087
215.	.1137	.1184	.1017	.1032	.1029	.1013	.1226	.0982	.1006	.1011	.1008	.1018	.1019	.1029
230.			.1022	.1026	.1025	.1348	.1005	.0987	.0982	.0997	.1018	.1025	.1023	.1007
245.				.1041	.1038	.1017	.1042	.1024	.1020	.1030	.1023	.1014	.1022	.1012
270.	.1213	.1204	.1046	.1070	.1081	.1049	.1088	.1065	.1108	.1639	.1063	.1055	.1046	.1043
295.				.1152	.1126	.1151	.1152	.1166	.1159	.1160	.1149	.1145	.1155	.1144
310.			.1175	.1293	.1254	.1581	.1264	.1267	.1285	.1286	.1277	.1276	.1268	.1258
325.	.1604	.1602	.1489	.1432	.1496	.1518	.1697	.1522	.1541	.1539	.1534	.1538	.1555	.1560
340.		.2140	.2048	.2005	.2076	.2099	.2121	.2132	.2135	.2122	.2142	.2119	.2128	.2126
350.				.2808	.2881	.2923	.2978	.2944	.2915	.2909	.2906	.2888	.2874	.2860
						FOR ALPHA = -3.50 DEG								
0.	.3079	.3021	.2728	.2791	.2889	.2982	.2981	.2997	.2975	.2931	.2963	.2904	.2917	.2900
10.				.2178	.2269	.2311	.2350	.2324	.2293	.2273	.2264	.2248	.2237	.2232
20.		.1611	.1490	.1520	.1545	.1565	.1576	.1587	.1592	.1577	.1587	.1561	.1572	.1577
35.	.1197	.1175	.1149	.1059	.1106	.1109	.1315	.1106	.1121	.1128	.1118	.1106	.1114	.1124
50.			.0866	.0955	.0936	.1283	.0939	.0936	.0942	.0937	.0928	.0926	.0931	.0921
65.				.0834	.0843	.0870	.0864	.0871	.0863	.0858	.0845	.0839	.0850	.0842
90.	.0981	.0981	.0819	.0833	.0831	.0840	.0836	.0826	.0843	.1419	.0824	.0821	.0814	.0811
115.				.0855	.0849	.0848	.0823	.0818	.0821	.0830	.0837	.0844	.0850	.0833
130.			.0838	.0862	.0853	.1192	.0836	.0830	.0849	.0854	.0848	.0850	.0850	.0835
145.	.0998	.1001	.0848	.0925	.0881	.0864	.1157	.0891	.0899	.0894	.0879	.0879	.0879	.0884
160.		.1079	.0998	.1005	.1023	.1033	.1037	.1042	.1044	.1031	.1025	.1017	.1024	.1023
170.				.1233	.1277	.1284	.1324	.1313	.1303	.1297	.1286	.1283	.1275	.1270
180.	.1831	.1639	.1495	.1491	.1492	.1565	.1570	.1584	.1582	.1595	.1585	.1540	.1547	.1535
190.				.1431	.1430	.1449	.1489	.1497	.1483	.1479	.1462	.1456	.1447	.1443
200.		.1310	.1216	.1318	.1213	.1282	.1272	.1284	.1274	.1270	.1261	.1251	.1253	.1252
215.	.1236	.1257	.1104	.1161	.1140	.1109	.1366	.1134	.1136	.1128	.1108	.1112	.1110	.1122
230.			.1083	.1115	.1110	.1420	.1090	.1080	.1070	.1075	.1072	.1085	.1086	.1074
245.				.1109	.1107	.1099	.1085	.1079	.1068	.1082	.1073	.1071	.1076	.1064
270.	.1241	.1242	.1074	.1087	.1084	.1097	.1079	.1096	.1127	.1661	.1080	.1073	.1066	.1066
295.				.1088	.1116	.1123	.1144	.1144	.1144	.1147	.1138	.1128	.1138	.1129
310.			.1156	.1222	.1201	.1536	.1232	.1221	.1233	.1235	.1229	.1231	.1232	.1221
325.	.1485	.1485	.1357	.1354	.1402	.1420	.1599	.1420	.1433	.1435	.1426	.1423	.1435	.1443
340.		.1906	.1838	.1831	.1851	.1888	.1901	.1911	.1923	.1893	.1903	.1889	.1895	.1901
350.				.2408	.2512	.2544	.2606	.2582	.2547	.2534	.2525	.2513	.2502	.2497
						FOR ALPHA = -2.50 DEG								
0.	.2870	.2793	.2537	.2583	.2685	.2750	.2745	.2759	.2738	.2750	.2723	.2679	.2694	.2682
10.				.2030	.2098	.2138	.2172	.2150	.2119	.2103	.2082	.2080	.2074	.2076
20.		.1516	.1424	.1449	.1448	.1471	.1476	.1490	.1495	.1473	.1480	.1465	.1474	.1482
35.	.1161	.1140	.1109	.1022	.1064	.1077	.1277	.1071	.1077	.1080	.1069	.1069	.1069	.1075
50.			.0863	.0910	.0889	.1272	.0929	.0924	.0926	.0922	.0908	.0909	.0911	.0902
65.				.0841	.0857	.0854	.0870	.0865	.0860	.0858	.0839	.0834	.0843	.0834
90.	.0999	.0996	.0837	.0846	.0843	.0835	.0840	.0835	.0838	.1416	.0821	.0827	.0829	.0828
115.				.0875	.0869	.0858	.0837	.0829	.0817	.0831	.0854	.0860	.0868	.0849
130.			.0860	.0889	.0883	.1200	.0877	.0875	.0872	.0869	.0861	.0863	.0867	.0855
145.	.1036	.1036	.0882	.0963	.0898	.0950	.1200	.0935	.0939	.0935	.0917	.0915	.0913	.0918
160.		.1161	.1089	.1124	.1119	.1108	.1116	.1119	.1125	.1112	.1109	.1095	.1101	.1099
170.				.1398	.1401	.1422	.1459	.1450	.1435	.1429	.1420	.1409	.1400	.1395
180.	.2002	.1829	.1685	.1673	.1670	.1755	.1752	.1762	.1758	.1771	.1760	.1714	.1719	.1706
190.				.1579	.1590	.1594	.1660	.1648	.1626	.1622	.1606	.1597	.1585	.1581
200.		.1402	.1299	.1381	.1336	.1368	.1376	.1369	.1376	.1364	.1351	.1338	.1339	.1338
215.	.1282	.1294	.1147	.1239	.1165	.1179	.1416	.1189	.1187	.1174	.1161	.1164	.1166	.1174
230.			.1103	.1142	.1138	.1449	.1121	.1116	.1124	.1122	.1110	.1114	.1112	.1102
245.				.1128	.1124	.1111	.1099	.1080	.1070	.1090	.1095	.1092	.1098	.1086
270.	.1255	.1255	.1080	.1096	.1091	.1104	.1093	.1095	.1116	.1657	.1083	.1083	.1079	.1081
295.				.1101	.1121	.1127	.1122	.1141	.1131	.1133	.1125	.1116	.1125	.1115
310.			.1135	.1212	.1183	.1509	.1213	.1209	.1209	.1206	.1195	.1200	.1204	.1194
325.	.1437	.1438	.1280	.1319	.1353	.1368	.1556	.1370	.1382	.1382	.1371	.1370	.1370	.1380
340.		.1802	.1717	.1754	.1741	.1783	.1795	.1801	.1809	.1789	.1784	.1776	.1785	.1790
350.				.2231	.2332	.2364	.2419	.2399	.2363	.2352	.2339	.2335	.2326	.2323

TABLE II. - CONTINUED

(N) MACH = 4.50, BETA = .99 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = -5.50 DEG								
0.	.3379	.3379	.3367	.3428	.3409	.3380	.3407	.3426	.3397	.3381	.3386	.3373	.3352	0.
10.	.2910	.2554	.2536	.2533	.2537	.2546	.2565	.2584	.2576	.2590	.2571	.2588	.2560	10.
20.	.1781	.1755	.1771	.1782	.1778	.1762	.1772	.1774	.1785	.1792	.1795	.1809	.1806	20.
35.	.1209	.1222	.1204	.1199	.1633	.1197	.1201	.1199	.1186	.1195	.1184	.1186	.1154	35.
50.	.0961	.0969	.0963	.0965	.0964	.0948	.0953	.0952	.0946	.0941	.0930	.0912	.0888	50.
65.	.0854	.0850	.0847	.0842	.0832	.0844	.0855	.0844	.1441	.0843	.0818	.0825	.0803	65.
90.	.0787	.0794	.0787	.0783	.0769	.0770	.0774	.0773	.0775	.0760	.0762	.0764	.0768	90.
115.	.0781	.0782	.0778	.0770	.0759	.0761	.0765	.0758	.1363	.0752	.0733	.0748	.0733	115.
130.	.0786	.0785	.0770	.0772	.0779	.0756	.0755	.0755	.0751	.0738	.0732	.0727	.0713	130.
145.	.0800	.0803	.0788	.0786	.1283	.0777	.0778	.0781	.0775	.0764	.0757	.0756	.0735	145.
160.	.0889	.0867	.0872	.0884	.0877	.0861	.0859	.0858	.0857	.0844	.0843	.0850	.0862	160.
170.	.1563	.1043	.1032	.1028	.1023	.1016	.1017	.1023	.1011	.0993	.0993	.1005	.0991	170.
180.	.1240	.1239	.1227	.1253	.1233	.1205	.1204	.1216	.1201	.1177	.1186	.1179	.1182	180.
190.	.1703	.1189	.1178	.1175	.1170	.1172	.1174	.1182	.1169	.1150	.1153	.1165	.1141	190.
200.	.1094	.1068	.1072	.1085	.1078	.1072	.1071	.1070	.1070	.1054	.1060	.1071	.1069	200.
215.	.1016	.1025	.1009	.1009	.1497	.1012	.1015	.1017	.1012	.0997	.0993	.0990	.0958	215.
230.	.1005	.1009	.0996	.1000	.1015	.0999	.0999	.1001	.0999	.0985	.0979	.0960	.0940	230.
245.	.1012	.1016	.1015	.1012	.1010	.1016	.1021	.1012	.1577	.1011	.0988	.0995	.0979	245.
270.	.1045	.1055	.1045	.1042	.1036	.1038	.1044	.1042	.1038	.1024	.1026	.1024	.1026	270.
295.	.1146	.1146	.1138	.1130	.1125	.1138	.1149	.1136	.1703	.1121	.1098	.1102	.1077	295.
310.	.1272	.1283	.1272	.1275	.1278	.1264	.1265	.1263	.1256	.1241	.1231	.1212	.1177	310.
325.	.1536	.1554	.1536	.1532	.1944	.1535	.1535	.1532	.1518	.1513	.1508	.1512	.1473	325.
340.	.2128	.2103	.2120	.2131	.2120	.2113	.2116	.2119	.2129	.2130	.2129	.2151	.2146	340.
350.	.3185	.2850	.2828	.2825	.2827	.2845	.2865	.2889	.2880	.2885	.2864	.2877	.2843	350.
						FOR ALPHA = -3.50 DEG								
0.	.2915	.2918	.2915	.2978	.2961	.2928	.2932	.2945	.2917	.2901	.2908	.2899	.2886	0.
10.	.2610	.2224	.2211	.2214	.2221	.2226	.2229	.2239	.2229	.2244	.2230	.2245	.2224	10.
20.	.1579	.1556	.1570	.1584	.1581	.1573	.1577	.1576	.1582	.1587	.1586	.1600	.1602	20.
35.	.1110	.1124	.1109	.1109	.1563	.1110	.1112	.1112	.1104	.1106	.1101	.1099	.1067	35.
50.	.0920	.0919	.0910	.0920	.0933	.0918	.0918	.0917	.0914	.0908	.0901	.0887	.0865	50.
65.	.0847	.0847	.0846	.0842	.0835	.0837	.0838	.0828	.1435	.0835	.0818	.0826	.0808	65.
90.	.0812	.0821	.0814	.0810	.0798	.0798	.0799	.0796	.0805	.0788	.0792	.0788	.0793	90.
115.	.0828	.0821	.0814	.0806	.0795	.0798	.0802	.0792	.1397	.0802	.0782	.0787	.0771	115.
130.	.0831	.0830	.0815	.0814	.0822	.0801	.0801	.0800	.0798	.0796	.0794	.0778	.0761	130.
145.	.0873	.0875	.0860	.0856	.1346	.0851	.0852	.0853	.0846	.0845	.0849	.0845	.0813	145.
160.	.1026	.1001	.1006	.1017	.1012	.1000	.1001	.0999	.0999	.0996	.1004	.1010	.1008	160.
170.	.1753	.1261	.1250	.1247	.1248	.1247	.1252	.1254	.1241	.1229	.1237	.1243	.1217	170.
180.	.1541	.1542	.1534	.1568	.1554	.1522	.1527	.1535	.1516	.1483	.1498	.1489	.1483	180.
190.	.1917	.1441	.1431	.1431	.1435	.1434	.1444	.1449	.1438	.1407	.1407	.1412	.1391	190.
200.	.1252	.1231	.1237	.1253	.1252	.1246	.1250	.1252	.1258	.1234	.1234	.1241	.1243	200.
215.	.1109	.1123	.1106	.1111	.1583	.1115	.1118	.1122	.1118	.1093	.1094	.1089	.1059	215.
230.	.1075	.1079	.1063	.1069	.1082	.1069	.1069	.1072	.1070	.1041	.1040	.1026	.1001	230.
245.	.1065	.1065	.1061	.1059	.1056	.1068	.1073	.1067	.1617	.1046	.1032	.1039	.1021	245.
270.	.1066	.1081	.1074	.1072	.1072	.1074	.1076	.1072	.1059	.1038	.1042	.1042	.1043	270.
295.	.1132	.1133	.1131	.1125	.1135	.1141	.1140	.1122	.1669	.1090	.1075	.1082	.1065	295.
310.	.1220	.1220	.1206	.1215	.1241	.1233	.1232	.1228	.1220	.1190	.1181	.1164	.1135	310.
325.	.1423	.1447	.1426	.1423	.1852	.1438	.1439	.1435	.1426	.1407	.1401	.1399	.1369	325.
340.	.1898	.1879	.1892	.1906	.1905	.1911	.1917	.1912	.1917	.1904	.1896	.1910	.1908	340.
350.	.2854	.2487	.2472	.2476	.2489	.2515	.2526	.2535	.2519	.2514	.2492	.2502	.2473	350.
						FOR ALPHA = -2.50 DEG								
0.	.2697	.2708	.2705	.2758	.2730	.2692	.2701	.2715	.2690	.2667	.2681	.2676	.2672	0.
10.	.2474	.2069	.2061	.2061	.2060	.2060	.2069	.2079	.2068	.2073	.2074	.2089	.2068	10.
20.	.1486	.1464	.1478	.1494	.1490	.1478	.1484	.1482	.1486	.1480	.1495	.1508	.1508	20.
35.	.1063	.1081	.1066	.1067	.1528	.1066	.1074	.1075	.1067	.1067	.1060	.1061	.1029	35.
50.	.0905	.0905	.0895	.0900	.0910	.0897	.0903	.0906	.0906	.0899	.0892	.0878	.0854	50.
65.	.0840	.0845	.0845	.0842	.0831	.0839	.0845	.0837	.1439	.0836	.0815	.0825	.0806	65.
90.	.0828	.0837	.0828	.0824	.0808	.0809	.0812	.0808	.0804	.0793	.0797	.0793	.0797	90.
115.	.0840	.0836	.0831	.0822	.0811	.0814	.0820	.0812	.1403	.0810	.0792	.0797	.0779	115.
130.	.0851	.0851	.0836	.0836	.0844	.0822	.0823	.0823	.0822	.0812	.0808	.0794	.0780	130.
145.	.0905	.0910	.0896	.0892	.1378	.0884	.0885	.0887	.0884	.0873	.0876	.0877	.0850	145.
160.	.1098	.1076	.1080	.1090	.1083	.1073	.1074	.1074	.1079	.1065	.1069	.1079	.1081	160.
170.	.1861	.1383	.1370	.1368	.1368	.1370	.1376	.1382	.1373	.1359	.1356	.1364	.1338	170.
180.	.1709	.1710	.1699	.1737	.1721	.1693	.1697	.1712	.1691	.1658	.1673	.1662	.1653	180.
190.	.2036	.1572	.1561	.1561	.1563	.1565	.1578	.1590	.1580	.1555	.1556	.1564	.1539	190.
200.	.1339	.1317	.1325	.1340	.1336	.1326	.1337	.1340	.1347	.1333	.1337	.1348	.1347	200.
215.	.1155	.1168	.1153	.1153	.1616	.1155	.1163	.1170	.1164	.1155	.1154	.1153	.1118	215.
230.	.1099	.1103	.1090	.1096	.1103	.1092	.1099	.1105	.1102	.1088	.1086	.1073	.1046	230.
245.	.1086	.1086	.1083	.1081	.1071	.1084	.1095	.1089	.1648	.1079	.1068	.1076	.1055	245.
270.	.1083	.1095	.1085	.1082	.1075	.1077	.1081	.1075	.1062	.1048	.1056	.1052	.1054	270.
295.	.1120	.1123	.1120	.1116	.1117	.1124	.1127	.1110	.1657	.1083	.1066	.1071	.1052	295.
310.	.1199	.1202	.1185	.1186	.1197	.1188	.1191	.1194	.1192	.1155	.1160	.1141	.1113	310.
325.	.1364	.1389	.1373	.1371	.1805	.1380	.1380	.1380	.1369	.1353	.1345	.1341	.1310	325.
340.	.1790	.1772	.1787	.1804	.1804	.1805	.1805	.1799	.1803	.1785	.1782	.1793	.1793	340.
350.	.2702	.2322	.2313	.2314	.2322	.2339	.2347	.2356	.2342	.2330	.2309	.2318	.2293	350.

TABLE II. - CONTINUED

(N) MACH = 4.50, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -1.50 DEG								
0.	.2676	.2581	.2354	.2390	.2453	.2524	.2516	.2529	.2513	.2526	.2510	.2467	.2484	.2477
10.				.1887	.1930	.1968	.1999	.1979	.1952	.1944	.1932	.1922	.1917	.1922
20.		.1425	.1367	.1364	.1356	.1382	.1382	.1388	.1395	.1380	.1389	.1375	.1380	.1388
35.	.1118	.1104	.1055	.0989	.1024	.1035	.1240	.1024	.1029	.1031	.1026	.1028	.1030	.1032
50.			.0857	.0888	.0862	.1262	.0917	.0903	.0906	.0900	.0887	.0885	.0889	.0880
65.				.0843	.0842	.0841	.0857	.0863	.0848	.0847	.0834	.0826	.0833	.0827
90.	.1008	.0999	.0844	.0849	.0845	.0839	.0836	.0829	.0827	.1413	.0831	.0835	.0836	.0836
115.				.0882	.0876	.0871	.0857	.0856	.0859	.0870	.0870	.0871	.0875	.0860
130.			.0883	.0912	.0896	.1221	.0917	.0898	.0902	.0898	.0880	.0879	.0881	.0871
145.	.1068	.1065	.0918	.0995	.0945	.0985	.1231	.0975	.0983	.0978	.0961	.0958	.0957	.0960
160.		.1237	.1183	.1237	.1180	.1193	.1201	.1205	.1210	.1199	.1198	.1179	.1181	.1183
170.				.1542	.1536	.1567	.1606	.1591	.1577	.1570	.1557	.1545	.1535	.1532
180.	.2168	.2011	.1842	.1861	.1859	.1946	.1940	.1952	.1947	.1957	.1934	.1888	.1899	.1885
190.				.1719	.1737	.1772	.1813	.1798	.1778	.1767	.1746	.1733	.1727	.1720
200.		.1489	.1374	.1404	.1454	.1469	.1460	.1472	.1473	.1456	.1441	.1419	.1420	.1421
215.	.1320	.1331	.1182	.1289	.1199	.1232	.1460	.1235	.1232	.1229	.1214	.1210	.1205	.1210
230.			.1122	.1168	.1164	.1463	.1143	.1148	.1157	.1141	.1126	.1126	.1132	.1122
245.				.1138	.1132	.1113	.1099	.1098	.1109	.1143	.1126	.1113	.1115	.1102
270.	.1266	.1260	.1086	.1102	.1097	.1092	.1094	.1079	.1091	.1653	.1096	.1101	.1094	.1093
295.				.1107	.1095	.1122	.1116	.1119	.1123	.1125	.1108	.1104	.1116	.1112
310.			.1118	.1186	.1158	.1483	.1182	.1184	.1190	.1178	.1171	.1175	.1180	.1173
325.	.1395	.1393	.1230	.1305	.1295	.1317	.1508	.1317	.1330	.1330	.1323	.1325	.1324	.1328
340.		.1704	.1611	.1667	.1646	.1678	.1686	.1690	.1701	.1684	.1687	.1670	.1684	.1692
350.				.2072	.2161	.2188	.2233	.2216	.2192	.2181	.2177	.2169	.2164	.2164
						FOR ALPHA = -.50 DEG								
0.	.2485	.2372	.2153	.2196	.2225	.2298	.2294	.2315	.2309	.2319	.2301	.2265	.2288	.2285
10.				.1742	.1764	.1799	.1831	.1820	.1801	.1793	.1778	.1774	.1771	.1779
20.		.1338	.1308	.1275	.1264	.1293	.1290	.1294	.1306	.1293	.1295	.1286	.1295	.1301
35.	.1079	.1069	.0992	.0977	.0997	.0999	.1207	.0985	.0991	.0988	.0979	.0988	.0992	.0994
50.			.0853	.0884	.0881	.1219	.0899	.0892	.0885	.0879	.0864	.0867	.0872	.0863
65.				.0843	.0831	.0838	.0839	.0846	.0840	.0837	.0819	.0818	.0831	.0828
90.	.1015	.0999	.0851	.0856	.0848	.0839	.0833	.0823	.0802	.1382	.0816	.0845	.0850	.0849
115.				.0897	.0885	.0883	.0886	.0885	.0879	.0886	.0873	.0871	.0877	.0868
130.			.0904	.0934	.0907	.1268	.0932	.0927	.0929	.0918	.0901	.0900	.0902	.0892
145.	.1112	.1102	.0974	.1009	.1023	.1023	.1272	.1018	.1022	.1019	.1004	.1006	.1006	.1004
160.		.1327	.1278	.1305	.1261	.1288	.1291	.1294	.1301	.1289	.1285	.1268	.1270	.1267
170.				.1686	.1692	.1725	.1767	.1748	.1731	.1720	.1706	.1694	.1681	.1674
180.	.2356	.2212	.2021	.2053	.2069	.2152	.2149	.2160	.2152	.2158	.2132	.2087	.2096	.2082
190.				.1862	.1908	.1933	.1980	.1964	.1945	.1933	.1908	.1896	.1886	.1882
200.		.1583	.1459	.1504	.1521	.1560	.1567	.1576	.1579	.1557	.1545	.1524	.1526	.1527
215.	.1368	.1373	.1218	.1317	.1253	.1296	.1510	.1284	.1292	.1288	.1271	.1271	.1267	.1266
230.			.1149	.1194	.1190	.1478	.1192	.1183	.1182	.1171	.1156	.1160	.1166	.1154
245.				.1146	.1146	.1135	.1128	.1140	.1132	.1131	.1130	.1138	.1144	.1129
270.	.1273	.1258	.1087	.1109	.1107	.1097	.1088	.1066	.1056	.1634	.1093	.1113	.1112	.1110
295.				.1102	.1093	.1092	.1105	.1110	.1104	.1114	.1104	.1098	.1110	.1102
310.			.1111	.1157	.1147	.1450	.1152	.1155	.1162	.1155	.1146	.1146	.1154	.1148
325.	.1350	.1351	.1190	.1289	.1228	.1273	.1458	.1265	.1278	.1282	.1275	.1277	.1282	.1285
340.		.1608	.1498	.1546	.1556	.1579	.1581	.1589	.1598	.1587	.1591	.1575	.1587	.1596
350.				.1927	.1994	.2009	.2055	.2048	.2030	.2023	.2016	.2012	.2011	.2014
						FOR ALPHA = .50 DEG								
0.	.2310	.2174	.1971	.2009	.2011	.2092	.2095	.2113	.2111	.2126	.2112	.2081	.2100	.2095
10.				.1617	.1606	.1639	.1680	.1667	.1653	.1650	.1644	.1636	.1634	.1639
20.		.1257	.1203	.1207	.1189	.1206	.1208	.1206	.1218	.1210	.1216	.1202	.1215	.1221
35.	.1050	.1038	.0922	.0955	.0945	.0955	.1168	.0944	.0951	.0948	.0940	.0943	.0950	.0956
50.			.0845	.0872	.0848	.1201	.0869	.0865	.0866	.0857	.0842	.0843	.0851	.0845
65.				.0839	.0830	.0821	.0826	.0825	.0818	.0824	.0813	.0813	.0828	.0822
90.	.1017	.0999	.0850	.0856	.0847	.0839	.0835	.0825	.0805	.1388	.0822	.0852	.0854	.0852
115.				.0902	.0886	.0898	.0898	.0906	.0900	.0896	.0876	.0875	.0884	.0877
130.			.0911	.0947	.0935	.1281	.0954	.0951	.0948	.0940	.0924	.0922	.0925	.0915
145.	.1146	.1136	.1042	.1033	.1065	.1064	.1310	.1058	.1064	.1059	.1049	.1049	.1049	.1048
160.		.1411	.1365	.1359	.1346	.1372	.1378	.1383	.1394	.1379	.1371	.1356	.1362	.1360
170.				.1820	.1846	.1881	.1925	.1909	.1889	.1876	.1856	.1841	.1833	.1827
180.	.2551	.2422	.2224	.2235	.2284	.2362	.2359	.2374	.2364	.2370	.2342	.2290	.2301	.2285
190.				.2014	.2082	.2103	.2153	.2137	.2115	.2101	.2081	.2065	.2051	.2044
200.		.1687	.1565	.1638	.1637	.1667	.1673	.1681	.1685	.1664	.1653	.1631	.1634	.1635
215.	.1425	.1425	.1266	.1356	.1320	.1356	.1553	.1338	.1348	.1348	.1332	.1330	.1326	.1324
230.			.1174	.1221	.1211	.1522	.1217	.1221	.1224	.1214	.1198	.1196	.1197	.1186
245.				.1163	.1153	.1153	.1174	.1179	.1168	.1174	.1152	.1142	.1148	.1138
270.	.1278	.1263	.1093	.1113	.1112	.1101	.1096	.1077	.1071	.1650	.1106	.1121	.1115	.1114
295.				.1093	.1094	.1082	.1073	.1085	.1085	.1087	.1086	.1098	.1116	.1108
310.			.1097	.1137	.1133	.1424	.1127	.1129	.1127	.1126	.1121	.1125	.1132	.1127
325.	.1311	.1313	.1151	.1261	.1185	.1213	.1411	.1219	.1228	.1243	.1230	.1238	.1236	.1241
340.		.1518	.1399	.1417	.1449	.1475	.1484	.1497	.1506	.1495	.1497	.1486	.1497	.1506
350.				.1788	.1831	.1857	.1899	.1890	.1875	.1874	.1862	.1866	.1866	.1871

TABLE II. - CONTINUED

(N) MACH = 4.50, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -1.50 DEG								
0.	.2493	.2500	.2492	.2537	.2511	.2471	.2480	.2495	.2473	.2449	.2463	.2464	.2462	0.
10.	.2341	.1920	.1909	.1904	.1903	.1903	.1912	.1918	.1914	.1912	.1899	.1919	.1905	10.
20.	.1395	.1375	.1388	.1402	.1397	.1386	.1388	.1386	.1394	.1383	.1387	.1401	.1401	20.
35.	.1015	.1033	.1022	.1022	.1493	.1029	.1035	.1034	.1028	.1013	.1009	.1007	.0977	35.
50.	.0886	.0889	.0879	.0884	.0894	.0878	.0883	.0888	.0890	.0867	.0867	.0850	.0829	50.
65.	.0833	.0838	.0840	.0839	.0830	.0839	.0842	.0835	.1425	.0819	.0804	.0814	.0795	65.
90.	.0836	.0844	.0834	.0831	.0816	.0818	.0818	.0817	.0807	.0789	.0797	.0792	.0798	90.
115.	.0856	.0852	.0847	.0840	.0828	.0830	.0833	.0825	.1411	.0821	.0800	.0805	.0792	115.
130.	.0870	.0875	.0860	.0864	.0864	.0847	.0847	.0847	.0844	.0835	.0828	.0814	.0797	130.
145.	.0945	.0949	.0933	.0929	.1401	.0922	.0922	.0927	.0922	.0917	.0914	.0915	.0885	145.
160.	.1181	.1158	.1164	.1172	.1163	.1150	.1150	.1151	.1155	.1139	.1146	.1161	.1161	160.
170.	.1982	.1519	.1502	.1498	.1497	.1496	.1503	.1514	.1505	.1488	.1490	.1500	.1474	170.
180.	.1889	.1887	.1873	.1911	.1898	.1870	.1877	.1894	.1871	.1840	.1848	.1838	.1826	180.
190.	.2165	.1712	.1698	.1693	.1699	.1712	.1719	.1732	.1722	.1704	.1693	.1704	.1676	190.
200.	.1429	.1404	.1415	.1426	.1421	.1421	.1424	.1425	.1436	.1424	.1422	.1437	.1435	200.
215.	.1196	.1207	.1193	.1193	.1666	.1204	.1208	.1213	.1212	.1197	.1195	.1197	.1165	215.
230.	.1126	.1130	.1117	.1122	.1142	.1124	.1128	.1132	.1132	.1112	.1107	.1092	.1068	230.
245.	.1107	.1104	.1100	.1096	.1099	.1105	.1113	.1103	.1645	.1087	.1075	.1083	.1066	245.
270.	.1094	.1104	.1093	.1087	.1082	.1079	.1083	.1079	.1064	.1051	.1056	.1057	.1059	270.
295.	.1118	.1123	.1119	.1112	.1111	.1112	.1116	.1101	.1653	.1086	.1068	.1075	.1053	295.
310.	.1178	.1179	.1169	.1173	.1185	.1163	.1163	.1166	.1165	.1148	.1140	.1123	.1097	310.
325.	.1310	.1334	.1325	.1327	.1760	.1331	.1332	.1331	.1322	.1307	.1299	.1296	.1262	325.
340.	.1694	.1674	.1695	.1713	.1708	.1698	.1700	.1694	.1699	.1680	.1682	.1694	.1592	340.
350.	.2563	.2166	.2158	.2159	.2160	.2167	.2179	.2188	.2175	.2159	.2147	.2156	.2138	350.
						FOR ALPHA = -.50 DEG								
0.	.2296	.2296	.2282	.2321	.2298	.2260	.2273	.2293	.2267	.2256	.2273	.2272	.2265	0.
10.	.2216	.1779	.1763	.1755	.1753	.1752	.1763	.1773	.1763	.1765	.1761	.1777	.1758	10.
20.	.1312	.1295	.1308	.1318	.1309	.1295	.1298	.1298	.1303	.1301	.1304	.1312	.1313	20.
35.	.0978	.0993	.0983	.0986	.1464	.0989	.0995	.0994	.0987	.0983	.0977	.0972	.0940	35.
50.	.0870	.0874	.0867	.0874	.0884	.0868	.0871	.0871	.0869	.0859	.0852	.0836	.0812	50.
65.	.0835	.0839	.0839	.0836	.0826	.0833	.0837	.0828	.1431	.0826	.0804	.0810	.0788	65.
90.	.0848	.0854	.0844	.0838	.0824	.0824	.0824	.0819	.0829	.0808	.0810	.0807	.0808	90.
115.	.0868	.0866	.0862	.0854	.0847	.0850	.0852	.0839	.1443	.0853	.0829	.0835	.0815	115.
130.	.0894	.0894	.0879	.0881	.0891	.0869	.0871	.0869	.0867	.0875	.0865	.0850	.0831	130.
145.	.0986	.0987	.0968	.0964	.1446	.0962	.0966	.0964	.0958	.0971	.0970	.0969	.0940	145.
160.	.1266	.1240	.1247	.1254	.1243	.1230	.1232	.1230	.1235	.1246	.1250	.1261	.1259	160.
170.	.2110	.1658	.1641	.1632	.1629	.1631	.1640	.1651	.1642	.1653	.1648	.1654	.1625	170.
180.	.2084	.2077	.2064	.2104	.2085	.2052	.2064	.2085	.2063	.2044	.2055	.2042	.2028	180.
190.	.2304	.1861	.1848	.1844	.1846	.1848	.1868	.1881	.1871	.1858	.1854	.1869	.1842	190.
200.	.1525	.1500	.1510	.1523	.1518	.1509	.1518	.1519	.1525	.1517	.1525	.1545	.1543	200.
215.	.1242	.1252	.1238	.1239	.1695	.1249	.1259	.1262	.1260	.1254	.1253	.1256	.1224	215.
230.	.1153	.1157	.1148	.1153	.1157	.1152	.1156	.1158	.1157	.1144	.1141	.1129	.1099	230.
245.	.1128	.1126	.1123	.1120	.1109	.1119	.1124	.1115	.1668	.1109	.1097	.1109	.1087	245.
270.	.1106	.1114	.1102	.1097	.1080	.1087	.1092	.1086	.1075	.1066	.1074	.1070	.1070	270.
295.	.1108	.1112	.1110	.1106	.1090	.1107	.1116	.1101	.1654	.1087	.1071	.1076	.1051	295.
310.	.1154	.1160	.1149	.1153	.1148	.1139	.1157	.1156	.1150	.1135	.1128	.1108	.1080	310.
325.	.1263	.1282	.1272	.1275	.1709	.1275	.1291	.1291	.1276	.1271	.1266	.1259	.1223	325.
340.	.1601	.1584	.1599	.1615	.1608	.1589	.1603	.1603	.1598	.1595	.1595	.1603	.1600	340.
350.	.2430	.2013	.1999	.1996	.1999	.1999	.2021	.2036	.2014	.2009	.2001	.2012	.1993	350.
						FOR ALPHA = .50 DEG								
0.	.2100	.2096	.2079	.2118	.2099	.2068	.2075	.2093	.2072	.2064	.2079	.2076	.2065	0.
10.	.2090	.1632	.1616	.1609	.1607	.1611	.1616	.1625	.1616	.1619	.1615	.1634	.1615	10.
20.	.1232	.1208	.1220	.1230	.1222	.1211	.1211	.1210	.1214	.1208	.1211	.1222	.1226	20.
35.	.0944	.0953	.0942	.0944	.1427	.0948	.0953	.0954	.0945	.0933	.0933	.0931	.0900	35.
50.	.0855	.0859	.0852	.0860	.0873	.0855	.0857	.0858	.0854	.0834	.0829	.0811	.0793	50.
65.	.0830	.0832	.0832	.0828	.0822	.0827	.0829	.0817	.1422	.0811	.0793	.0797	.0778	65.
90.	.0849	.0855	.0846	.0841	.0825	.0822	.0822	.0816	.0811	.0797	.0802	.0799	.0805	90.
115.	.0880	.0879	.0876	.0871	.0855	.0856	.0858	.0850	.1427	.0833	.0826	.0834	.0816	115.
130.	.0916	.0915	.0903	.0908	.0905	.0885	.0886	.0885	.0882	.0858	.0868	.0856	.0839	130.
145.	.1029	.1030	.1016	.1014	.1480	.1003	.1004	.1004	.0997	.0977	.0990	.0995	.0967	145.
160.	.1358	.1330	.1338	.1348	.1334	.1314	.1313	.1312	.1318	.1299	.1317	.1336	.1343	160.
170.	.2244	.1805	.1788	.1783	.1777	.1773	.1780	.1791	.1784	.1766	.1774	.1790	.1765	170.
180.	.2286	.2282	.2267	.2309	.2288	.2245	.2260	.2281	.2264	.2236	.2251	.2242	.2228	180.
190.	.2449	.2025	.2010	.2005	.2002	.2001	.2021	.2044	.2034	.2027	.2020	.2037	.2007	190.
200.	.1631	.1607	.1618	.1630	.1622	.1606	.1618	.1624	.1633	.1625	.1630	.1654	.1651	200.
215.	.1300	.1313	.1300	.1302	.1751	.1303	.1319	.1324	.1318	.1309	.1309	.1311	.1277	215.
230.	.1189	.1193	.1180	.1186	.1191	.1179	.1188	.1193	.1191	.1180	.1171	.1159	.1130	230.
245.	.1144	.1147	.1145	.1141	.1130	.1139	.1155	.1141	.1696	.1134	.1116	.1128	.1105	245.
270.	.1111	.1120	.1107	.1100	.1088	.1090	.1097	.1091	.1084	.1071	.1075	.1074	.1073	270.
295.	.1110	.1108	.1102	.1097	.1092	.1098	.1099	.1086	.1646	.1077	.1057	.1064	.1042	295.
310.	.1132	.1142	.1130	.1137	.1150	.1134	.1135	.1136	.1132	.1114	.1104	.1083	.1055	310.
325.	.1220	.1237	.1225	.1227	.1676	.1239	.1244	.1243	.1236	.1222	.1217	.1209	.1173	325.
340.	.1513	.1494	.1505	.1518	.1511	.1508	.1511	.1506	.1508	.1497	.1492	.1505	.1502	340.
350.	.2303	.1863	.1849	.1845	.1848	.1861	.1872	.1879	.1864	.1856	.1848	.1863	.1840	350.

TABLE II. - CONTINUED

(N) MACH = 4.50, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 1.51 DEG								
0.	.2127	.1973	.1780	.1808	.1812	.1900	.1896	.1915	.1917	.1939	.1926	.1892	.1911	.1902
10.				.1483	.1461	.1494	.1530	.1522	.1510	.1512	.1504	.1500	.1497	.1499
20.		.1174	.1109	.1153	.1115	.1127	.1119	.1126	.1133	.1129	.1131	.1124	.1136	.1143
35.	.1016	.1005	.0863	.0929	.0877	.0915	.1130	.0905	.0918	.0912	.0898	.0902	.0909	.0918
50.			.0825	.0848	.0833	.1159	.0854	.0835	.0842	.0839	.0821	.0822	.0831	.0827
65.				.0823	.0817	.0810	.0801	.0801	.0797	.0797	.0799	.0814	.0832	.0821
90.	.1010	.1000	.0844	.0847	.0842	.0837	.0836	.0830	.0825	.1410	.0826	.0834	.0840	.0843
115.				.0898	.0899	.0900	.0911	.0913	.0902	.0900	.0886	.0880	.0885	.0877
130.			.0914	.0953	.0946	.1306	.0972	.0960	.0964	.0959	.0946	.0944	.0942	.0932
145.	.1187	.1172	.1107	.1060	.1087	.1099	.1334	.1093	.1099	.1099	.1094	.1092	.1090	.1086
160.		.1501	.1445	.1440	.1425	.1455	.1462	.1468	.1483	.1462	.1464	.1449	.1451	.1451
170.				.1963	.2002	.2040	.2081	.2064	.2044	.2028	.2012	.1998	.1987	.1981
180.	.2752	.2639	.2417	.2435	.2509	.2577	.2574	.2593	.2582	.2586	.2557	.2507	.2514	.2491
190.				.2166	.2245	.2275	.2328	.2312	.2286	.2267	.2250	.2236	.2221	.2202
200.		.1792	.1681	.1756	.1738	.1766	.1779	.1782	.1789	.1767	.1759	.1737	.1740	.1736
215.	.1475	.1475	.1309	.1380	.1375	.1393	.1602	.1390	.1399	.1398	.1385	.1381	.1375	.1370
230.			.1190	.1256	.1234	.1546	.1251	.1249	.1251	.1237	.1227	.1225	.1226	.1214
245.				.1171	.1155	.1187	.1184	.1191	.1187	.1184	.1161	.1149	.1157	.1148
270.	.1269	.1263	.1088	.1103	.1101	.1101	.1097	.1086	.1112	.1664	.1106	.1111	.1103	.1102
295.				.1077	.1072	.1061	.1044	.1038	.1045	.1091	.1099	.1091	.1101	.1093
310.			.1063	.1103	.1100	.1410	.1077	.1088	.1105	.1095	.1092	.1103	.1116	.1114
325.	.1263	.1265	.1109	.1216	.1140	.1139	.1368	.1169	.1179	.1186	.1180	.1184	.1190	.1200
340.		.1419	.1305	.1362	.1357	.1383	.1384	.1394	.1410	.1402	.1403	.1396	.1409	.1416
350.				.1659	.1662	.1696	.1743	.1733	.1722	.1724	.1715	.1716	.1723	.1722
						FOR ALPHA = 2.50 DEG								
0.	.1951	.1779	.1603	.1622	.1631	.1707	.1713	.1733	.1739	.1761	.1756	.1714	.1724	.1712
10.				.1343	.1336	.1354	.1399	.1389	.1382	.1383	.1380	.1373	.1367	.1364
20.		.1096	.1022	.1072	.1055	.1040	.1047	.1052	.1058	.1050	.1055	.1048	.1060	.1063
35.	.0979	.0974	.0825	.0898	.0852	.0877	.1097	.0872	.0874	.0877	.0860	.0824	.0870	.0879
50.			.0802	.0825	.0818	.1151	.0800	.0820	.0818	.0811	.0799	.0806	.0820	.0816
65.				.0813	.0805	.0802	.0784	.0781	.0770	.0759	.0764	.0796	.0819	.0811
90.	.1000	.0995	.0833	.0843	.0837	.0834	.0842	.0830	.0828	.1417	.0824	.0831	.0833	.0832
115.				.0896	.0913	.0915	.0919	.0917	.0913	.0913	.0892	.0888	.0893	.0887
130.			.0926	.0973	.0950	.1315	.0988	.0978	.0984	.0980	.0966	.0965	.0965	.0955
145.	.1233	.1216	.1174	.1098	.1127	.1142	.1368	.1132	.1139	.1146	.1139	.1137	.1132	.1132
160.		.1601	.1513	.1526	.1521	.1549	.1552	.1565	.1577	.1556	.1566	.1547	.1550	.1549
170.				.2110	.2176	.2215	.2248	.2229	.2206	.2191	.2181	.2166	.2154	.2144
180.	.2957	.2863	.2601	.2642	.2739	.2802	.2792	.2815	.2802	.2815	.2786	.2728	.2734	.2711
190.				.2325	.2422	.2453	.2499	.2486	.2455	.2440	.2423	.2408	.2391	.2377
200.		.1896	.1808	.1847	.1836	.1873	.1882	.1886	.1894	.1870	.1865	.1847	.1850	.1844
215.	.1523	.1523	.1359	.1394	.1433	.1450	.1648	.1445	.1454	.1450	.1439	.1430	.1426	.1429
230.			.1215	.1294	.1255	.1571	.1284	.1278	.1278	.1269	.1258	.1256	.1255	.1243
245.				.1171	.1193	.1190	.1192	.1216	.1202	.1196	.1183	.1168	.1173	.1161
270.	.1254	.1254	.1079	.1094	.1091	.1100	.1095	.1102	.1129	.1664	.1095	.1096	.1089	.1090
295.				.1057	.1055	.1043	.1035	.1027	.1014	.1031	.1051	.1060	.1075	.1068
310.			.1036	.1069	.1066	.1382	.1044	.1056	.1067	.1072	.1070	.1082	.1091	.1083
325.	.1216	.1221	.1068	.1164	.1100	.1092	.1321	.1124	.1133	.1131	.1126	.1131	.1139	.1152
340.		.1325	.1220	.1301	.1263	.1282	.1291	.1306	.1316	.1314	.1316	.1305	.1317	.1320
350.				.1512	.1505	.1538	.1593	.1584	.1578	.1581	.1577	.1573	.1571	.1569
						FOR ALPHA = 4.50 DEG								
0.	.1638	.1436	.1301	.1345	.1303	.1380	.1393	.1407	.1410	.1424	.1425	.1383	.1390	.1379
10.				.1079	.1108	.1109	.1148	.1148	.1139	.1139	.1133	.1126	.1122	.1120
20.		.0959	.0877	.0895	.0875	.0908	.0911	.0915	.0918	.0910	.0911	.0901	.0913	.0915
35.	.0913	.0921	.0769	.0821	.0804	.0782	.0991	.0780	.0797	.0805	.0797	.0798	.0802	.0813
50.			.0763	.0777	.0769	.1116	.0757	.0743	.0735	.0733	.0735	.0771	.0799	.0791
65.				.0774	.0770	.0769	.0759	.0756	.0750	.0760	.0759	.0765	.0781	.0775
90.	.0966	.0972	.0812	.0822	.0833	.0827	.0834	.0824	.0840	.1410	.0814	.0812	.0807	.0806
115.				.0926	.0913	.0940	.0938	.0943	.0930	.0928	.0915	.0906	.0913	.0900
130.			.0946	.1046	.1052	.1358	.1026	.1019	.1027	.1022	.1011	.1011	.1008	.0992
145.	.1323	.1306	.1278	.1196	.1229	.1225	.1455	.1223	.1241	.1247	.1229	.1223	.1238	.1240
160.		.1810	.1675	.1690	.1734	.1752	.1762	.1766	.1772	.1763	.1771	.1757	.1759	.1756
170.				.2458	.2538	.2581	.2605	.2576	.2544	.2535	.2532	.2519	.2496	.2484
180.	.3400	.3344	.3012	.3104	.3205	.3289	.3268	.3281	.3266	.3294	.3266	.3201	.3204	.3174
190.				.2705	.2802	.2830	.2886	.2851	.2812	.2806	.2789	.2771	.2753	.2734
200.		.2115	.2030	.2009	.2070	.2099	.2105	.2112	.2117	.2084	.2099	.2075	.2073	.2070
215.	.1629	.1629	.1535	.1476	.1534	.1559	.1746	.1559	.1566	.1558	.1538	.1539	.1551	.1555
230.			.1246	.1314	.1306	.1631	.1332	.1320	.1332	.1326	.1314	.1311	.1303	.1286
245.				.1181	.1198	.1202	.1217	.1230	.1221	.1217	.1200	.1189	.1193	.1181
270.	.1225	.1230	.1060	.1085	.1083	.1073	.1094	.1100	.1110	.1661	.1089	.1083	.1068	.1066
295.				.1018	.1019	.1007	.1007	.1014	.1011	.1017	.1011	.1012	.1027	.1022
310.			.0993	.1014	.1014	.1340	.0999	.0989	.0967	.0961	.0985	.1023	.1040	.1029
325.	.1132	.1164	.0999	.1032	.1047	.0999	.1196	.1032	.1037	.1032	.1020	.1039	.1051	.1066
340.		.1167	.1075	.1171	.1104	.1107	.1137	.1143	.1146	.1147	.1148	.1142	.1152	.1151
350.				.1281	.1254	.1257	.1320	.1324	.1320	.1320	.1308	.1309	.1308	.1304

TABLE II. - CONTINUED

(N) MACH = 4.50, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 1.51 DEG								
0.	.1905	.1897	.1883	.1924	.1906	.1869	.1876	.1897	.1881	.1878	.1885	.1886	.1881	0.
10.	.1960	.1487	.1473	.1471	.1471	.1471	.1476	.1487	.1479	.1474	.1470	.1494	.1478	10.
20.	.1147	.1123	.1130	.1144	.1137	.1126	.1127	.1127	.1129	.1117	.1117	.1140	.1148	20.
35.	.0905	.0917	.0905	.0907	.1396	.0905	.0909	.0913	.0905	.0889	.0884	.0894	.0864	35.
50.	.0835	.0841	.0836	.0843	.0855	.0836	.0835	.0836	.0830	.0806	.0802	.0795	.0779	50.
65.	.0823	.0821	.0820	.0817	.0810	.0815	.0816	.0807	.1409	.0787	.0773	.0787	.0768	65.
90.	.0841	.0849	.0838	.0834	.0822	.0820	.0819	.0812	.0807	.0788	.0794	.0795	.0800	90.
115.	.0880	.0882	.0881	.0875	.0867	.0869	.0869	.0857	.1434	.0849	.0833	.0842	.0820	115.
130.	.0931	.0931	.0917	.0916	.0924	.0905	.0906	.0907	.0905	.0891	.0892	.0879	.0856	130.
145.	.1068	.1077	.1058	.1054	.1517	.1047	.1047	.1046	.1036	.1027	.1031	.1035	.1004	145.
160.	.1448	.1419	.1423	.1428	.1420	.1405	.1404	.1400	.1405	.1394	.1407	.1426	.1426	160.
170.	.2377	.1953	.1932	.1923	.1922	.1921	.1925	.1938	.1929	.1922	.1925	.1942	.1914	170.
180.	.2491	.2489	.2473	.2517	.2491	.2454	.2466	.2489	.2463	.2440	.2460	.2455	.2430	180.
190.	.2593	.2184	.2168	.2160	.2158	.2173	.2186	.2201	.2192	.2192	.2186	.2201	.2167	190.
200.	.1730	.1705	.1717	.1726	.1719	.1717	.1723	.1721	.1731	.1730	.1732	.1755	.1750	200.
215.	.1351	.1372	.1357	.1355	.1802	.1364	.1369	.1369	.1363	.1364	.1356	.1357	.1321	215.
230.	.1218	.1221	.1206	.1208	.1220	.1206	.1208	.1211	.1212	.1205	.1197	.1180	.1151	230.
245.	.1161	.1161	.1157	.1152	.1149	.1157	.1162	.1150	.1700	.1146	.1127	.1133	.1111	245.
270.	.1101	.1112	.1101	.1095	.1082	.1082	.1087	.1081	.1087	.1069	.1077	.1076	.1076	270.
295.	.1091	.1091	.1086	.1081	.1064	.1068	.1077	.1064	.1644	.1067	.1053	.1058	.1036	295.
310.	.1113	.1120	.1107	.1112	.1110	.1091	.1094	.1099	.1095	.1092	.1084	.1068	.1041	310.
325.	.1178	.1196	.1186	.1187	.1630	.1175	.1179	.1183	.1175	.1175	.1169	.1170	.1136	325.
340.	.1418	.1396	.1409	.1424	.1418	.1396	.1401	.1402	.1402	.1403	.1400	.1417	.1422	340.
350.	.2166	.1709	.1699	.1701	.1701	.1695	.1706	.1718	.1703	.1711	.1707	.1724	.1705	350.
						FOR ALPHA = 2.50 DEG								
0.	.1713	.1714	.1701	.1738	.1721	.1689	.1694	.1720	.1705	.1701	.1710	.1701	.1695	0.
10.	.1839	.1354	.1344	.1342	.1342	.1342	.1346	.1357	.1351	.1360	.1359	.1376	.1349	10.
20.	.1070	.1044	.1052	.1064	.1058	.1045	.1046	.1047	.1050	.1051	.1057	.1074	.1073	20.
35.	.0871	.0883	.0873	.0874	.1368	.0867	.0870	.0872	.0866	.0867	.0862	.0861	.0830	35.
50.	.0823	.0826	.0818	.0822	.0833	.0811	.0812	.0812	.0809	.0802	.0796	.0782	.0762	50.
65.	.0812	.0813	.0812	.0807	.0799	.0801	.0808	.0795	.1409	.0797	.0778	.0780	.0762	65.
90.	.0832	.0842	.0834	.0830	.0817	.0815	.0816	.0809	.0811	.0798	.0803	.0801	.0806	90.
115.	.0889	.0891	.0889	.0881	.0873	.0877	.0878	.0865	.1444	.0864	.0844	.0854	.0836	115.
130.	.0955	.0951	.0938	.0939	.0948	.0931	.0934	.0932	.0929	.0920	.0917	.0902	.0881	130.
145.	.1120	.1130	.1111	.1103	.1563	.1095	.1095	.1091	.1083	.1072	.1082	.1083	.1054	145.
160.	.1547	.1515	.1520	.1527	.1515	.1500	.1500	.1495	.1502	.1492	.1512	.1528	.1532	160.
170.	.2525	.2114	.2090	.2084	.2081	.2081	.2085	.2098	.2089	.2084	.2095	.2104	.2082	170.
180.	.2713	.2708	.2690	.2740	.2713	.2665	.2682	.2702	.2677	.2655	.2680	.2667	.2649	180.
190.	.2743	.2351	.2332	.2328	.2329	.2327	.2344	.2362	.2353	.2350	.2347	.2362	.2334	190.
200.	.1835	.1812	.1824	.1834	.1828	.1812	.1823	.1823	.1836	.1827	.1832	.1852	.1852	200.
215.	.1411	.1435	.1417	.1414	.1843	.1409	.1418	.1421	.1415	.1409	.1404	.1401	.1364	215.
230.	.1244	.1248	.1232	.1234	.1233	.1225	.1236	.1242	.1243	.1227	.1220	.1203	.1166	230.
245.	.1166	.1168	.1166	.1163	.1149	.1161	.1171	.1159	.1698	.1147	.1131	.1137	.1115	245.
270.	.1092	.1104	.1095	.1089	.1071	.1075	.1080	.1077	.1069	.1059	.1064	.1063	.1063	270.
295.	.1068	.1068	.1066	.1059	.1046	.1053	.1058	.1048	.1612	.1039	.1025	.1029	.1007	295.
310.	.1083	.1089	.1077	.1081	.1077	.1067	.1067	.1068	.1063	.1048	.1043	.1025	.0998	310.
325.	.1136	.1153	.1139	.1139	.1586	.1131	.1134	.1133	.1123	.1114	.1110	.1104	.1070	325.
340.	.1322	.1301	.1311	.1326	.1320	.1305	.1310	.1308	.1308	.1303	.1303	.1313	.1316	340.
350.	.2031	.1563	.1552	.1552	.1552	.1550	.1559	.1572	.1562	.1561	.1556	.1566	.1543	350.
						FOR ALPHA = 4.50 DEG								
0.	.1382	.1382	.1373	.1406	.1393	.1366	.1374	.1398	.1385	.1365	.1368	.1364	.1360	0.
10.	.1629	.1112	.1102	.1102	.1103	.1103	.1109	.1122	.1116	.1110	.1105	.1122	.1097	10.
20.	.0923	.0898	.0904	.0917	.0911	.0898	.0899	.0902	.0905	.0898	.0903	.0917	.0919	20.
35.	.0800	.0810	.0799	.0798	.1301	.0791	.0793	.0797	.0790	.0776	.0775	.0776	.0745	35.
50.	.0791	.0790	.0777	.0780	.0785	.0763	.0764	.0763	.0758	.0737	.0738	.0723	.0706	50.
65.	.0778	.0782	.0780	.0776	.0763	.0767	.0769	.0760	.1375	.0749	.0731	.0738	.0718	65.
90.	.0808	.0817	.0810	.0807	.0794	.0794	.0796	.0793	.0798	.0780	.0789	.0785	.0790	90.
115.	.0899	.0897	.0893	.0884	.0873	.0878	.0882	.0871	.1454	.0879	.0862	.0866	.0848	115.
130.	.0990	.0993	.0986	.0993	.0999	.0974	.0971	.0967	.0963	.0959	.0952	.0938	.0916	130.
145.	.1219	.1230	.1209	.1202	.1644	.1190	.1187	.1182	.1173	.1177	.1175	.1177	.1146	145.
160.	.1749	.1719	.1725	.1727	.1714	.1696	.1697	.1691	.1699	.1697	.1712	.1735	.1734	160.
170.	.2832	.2451	.2420	.2410	.2409	.2406	.2408	.2419	.2412	.2424	.2424	.2443	.2415	170.
180.	.3178	.3168	.3145	.3197	.3170	.3128	.3138	.3151	.3130	.3109	.3130	.3123	.3100	180.
190.	.3069	.2700	.2676	.2668	.2673	.2684	.2698	.2709	.2704	.2695	.2684	.2707	.2681	190.
200.	.2060	.2029	.2043	.2049	.2042	.2034	.2046	.2041	.2054	.2033	.2041	.2065	.2067	200.
215.	.1530	.1546	.1522	.1518	.1939	.1521	.1527	.1524	.1516	.1494	.1497	.1498	.1462	215.
230.	.1286	.1293	.1284	.1293	.1303	.1287	.1290	.1286	.1283	.1251	.1250	.1237	.1204	230.
245.	.1186	.1184	.1179	.1172	.1163	.1167	.1175	.1164	.1704	.1150	.1139	.1152	.1131	245.
270.	.1066	.1078	.1069	.1067	.1058	.1060	.1065	.1063	.1051	.1036	.1044	.1045	.1045	270.
295.	.1027	.1032	.1029	.1022	.1009	.1017	.1022	.1011	.1586	.0997	.0979	.0982	.0961	295.
310.	.1031	.1037	.1022	.1022	.1026	.1009	.1007	.1010	.1004	.0982	.0976	.0957	.0934	310.
325.	.1050	.1063	.1048	.1043	.1504	.1036	.1039	.1042	.1034	.1014	.1008	.1003	.0970	325.
340.	.1155	.1132	.1142	.1155	.1150	.1138	.1139	.1141	.1143	.1128	.1127	.1139	.1142	340.
350.	.1795	.1301	.1295	.1294	.1295	.1293	.1303	.1317	.1311	.1293	.1292	.1300	.1277	350.

TABLE II. - CONTINUED

(N) MACH = 4.50, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 9.51 DEG								
0.	.1071	.0805	.0702	.0737	.0719	.0737	.0731	.0735	.0736	.0741	.0769	.0729	.0739	.0739
10.				.0663	.0648	.0641	.0641	.0633	.0631	.0634	.0629	.0626	.0628	.0636
20.		.0747	.0602	.0608	.0600	.0595	.0584	.0581	.0572	.0566	.0567	.0578	.0599	.0603
35.	.0709	.0734	.0597	.0600	.0593	.0592	.0842	.0581	.0581	.0576	.0562	.0571	.0591	.0615
50.			.0628	.0605	.0603	.1003	.0624	.0615	.0620	.0607	.0585	.0591	.0612	.0610
65.				.0656	.0644	.0690	.0664	.0646	.0649	.0635	.0639	.0635	.0647	.0637
90.	.0905	.0887	.0715	.0765	.0755	.0767	.0758	.0757	.0754	.1335	.0734	.0737	.0735	.0733
115.				.0920	.0952	.0950	.0933	.0943	.0934	.0935	.0916	.0901	.0908	.0907
130.			.0931	.1099	.1134	.1423	.1114	.1109	.1118	.1110	.1087	.1112	.1120	.1105
145.	.1564	.1566	.1469	.1469	.1462	.1480	.1689	.1488	.1481	.1493	.1497	.1501	.1508	.1501
160.		.2379	.2232	.2242	.2278	.2304	.2323	.2314	.2331	.2321	.2342	.2316	.2312	.2310
170.				.3481	.3545	.3575	.3585	.3532	.3493	.3485	.3474	.3459	.3430	.3417
180.	.4472	.4516	.3978	.4423	.4421	.4474	.4455	.4463	.4456	.4472	.4444	.4401	.4408	.4388
190.				.3766	.3830	.3876	.3900	.3864	.3827	.3796	.3785	.3763	.3744	.3726
200.		.2729	.2613	.2556	.2666	.2694	.2713	.2692	.2727	.2700	.2710	.2676	.2681	.2678
215.	.1899	.1924	.1766	.1805	.1810	.1837	.2008	.1833	.1854	.1838	.1862	.1849	.1852	.1846
230.			.1244	.1429	.1442	.1725	.1432	.1437	.1448	.1433	.1430	.1435	.1437	.1430
245.				.1245	.1206	.1240	.1231	.1237	.1240	.1240	.1225	.1202	.1206	.1212
270.	.1169	.1146	.0958	.1043	.1037	.1022	.1024	.1021	.1041	.1584	.1006	.1007	.1003	.1003
295.				.0908	.0872	.0925	.0894	.0878	.0886	.0889	.0879	.0881	.0890	.0883
310.			.0838	.0808	.0823	.1188	.0843	.0842	.0831	.0828	.0816	.0820	.0840	.0835
325.	.0865	.0884	.0778	.0779	.0772	.0780	.1021	.0784	.0782	.0771	.0759	.0783	.0794	.0810
340.		.0873	.0745	.0764	.0755	.0751	.0743	.0746	.0744	.0742	.0726	.0730	.0759	.0774
350.				.0762	.0753	.0746	.0756	.0750	.0752	.0760	.0750	.0752	.0759	.0765
						FOR ALPHA = 14.50 DEG								
0.	.0743	.0477	.0359	.0356	.0331	.0336	.0326	.0329	.0327	.0320	.0375	.0336	.0350	.0353
10.				.0342	.0323	.0316	.0307	.0301	.0298	.0300	.0291	.0293	.0302	.0313
20.		.0455	.0343	.0335	.0330	.0338	.0327	.0330	.0317	.0314	.0308	.0308	.0330	.0336
35.	.0479	.0457	.0370	.0365	.0355	.0405	.0668	.0373	.0349	.0348	.0343	.0347	.0352	.0362
50.			.0466	.0450	.0455	.0824	.0423	.0412	.0421	.0415	.0401	.0397	.0408	.0403
65.				.0490	.0524	.0527	.0525	.0506	.0489	.0486	.0474	.0482	.0492	.0483
90.	.0860	.0842	.0665	.0713	.0694	.0689	.0675	.0677	.0678	.1272	.0649	.0639	.0645	.0673
115.				.0981	.1016	.0984	.0985	.0987	.0970	.0949	.0965	.0967	.0988	.0976
130.			.0934	.1298	.1265	.1562	.1260	.1252	.1253	.1255	.1269	.1275	.1272	.1254
145.	.1840	.1884	.1640	.1756	.1781	.1794	.1971	.1768	.1787	.1804	.1812	.1807	.1817	.1806
160.		.3046	.2828	.2843	.2904	.2925	.2918	.2903	.2945	.2921	.2958	.2929	.2928	.2925
170.				.4615	.4639	.4646	.4632	.4588	.4533	.4508	.4505	.4485	.4455	.4448
180.	.5973	.6119	.5471	.6018	.5948	.6004	.5980	.6017	.5989	.6020	.5924	.5838	.5857	.5833
190.				.4940	.4979	.4980	.4987	.4944	.4892	.4874	.4845	.4811	.4785	.4777
200.		.3422	.3193	.3296	.3341	.3349	.3341	.3339	.3375	.3355	.3388	.3343	.3339	.3336
215.	.2204	.2275	.2074	.2111	.2181	.2180	.2337	.2134	.2186	.2191	.2202	.2193	.2199	.2183
230.			.1262	.1638	.1605	.1885	.1592	.1591	.1584	.1614	.1623	.1621	.1615	.1597
245.				.1333	.1305	.1286	.1300	.1298	.1287	.1282	.1280	.1305	.1307	.1289
270.	.1130	.1112	.0949	.0967	.0973	.0948	.0953	.0943	.0958	.1522	.0936	.0919	.0930	.0947
295.				.0704	.0734	.0781	.0706	.0734	.0734	.0729	.0706	.0711	.0717	.0708
310.			.0658	.0655	.0626	.1013	.0597	.0615	.0598	.0613	.0600	.0597	.0603	.0594
325.	.0603	.0576	.0498	.0502	.0499	.0546	.0793	.0522	.0498	.0491	.0508	.0492	.0504	.0516
340.		.0504	.0410	.0398	.0432	.0416	.0430	.0417	.0417	.0415	.0406	.0402	.0414	.0425
350.				.0367	.0363	.0359	.0362	.0371	.0383	.0362	.0340	.0346	.0367	.0372
						FOR ALPHA = 19.50 DEG								
0.	.0528	.0261	.0171	.0161	.0139	.0143	.0121	.0125	.0127	.0120	.0183	.0150	.0163	.0165
10.				.0140	.0128	.0130	.0118	.0116	.0103	.0088	.0079	.0084	.0098	.0113
20.		.0235	.0126	.0119	.0110	.0143	.0115	.0101	.0087	.0073	.0069	.0058	.0062	.0070
35.	.0276	.0223	.0163	.0159	.0171	.0177	.0460	.0149	.0125	.0115	.0104	.0108	.0111	.0113
50.			.0429	.0247	.0289	.0647	.0258	.0236	.0220	.0229	.0214	.0208	.0206	.0187
65.				.0432	.0411	.0418	.0398	.0385	.0393	.0392	.0354	.0342	.0391	.0389
90.	.0874	.0860	.0738	.0688	.0702	.0675	.0672	.0666	.0658	.1243	.0655	.0672	.0673	.0666
115.				.1131	.1088	.1089	.1072	.1057	.1057	.1071	.1078	.1068	.1073	.1059
130.			.1214	.1534	.1461	.1731	.1442	.1431	.1455	.1468	.1464	.1462	.1455	.1440
145.	.2168	.2258	.2077	.2120	.2133	.2162	.2292	.2117	.2145	.2144	.2148	.2144	.2159	.2151
160.		.3794	.3521	.3583	.3608	.3592	.3589	.3581	.3611	.3588	.3637	.3603	.3606	.3612
170.				.5858	.5803	.5809	.5817	.5741	.5668	.5638	.5588	.5563	.5532	.5527
180.	.7484	.7705	.6903	.7655	.7480	.7560	.7576	.7593	.7558	.7593	.7442	.7364	.7393	.7368
190.				.6208	.6147	.6167	.6207	.6132	.6066	.6046	.5980	.5956	.5936	.5928
200.		.4170	.3797	.3991	.4040	.4047	.4055	.4053	.4089	.4063	.4112	.4071	.4077	.4080
215.	.2541	.2641	.2418	.2473	.2530	.2548	.2674	.2530	.2562	.2555	.2557	.2550	.2566	.2553
230.			.1481	.1842	.1811	.2062	.1782	.1802	.1820	.1824	.1817	.1810	.1802	.1785
245.				.1413	.1386	.1387	.1394	.1373	.1402	.1399	.1399	.1381	.1386	.1371
270.	.1137	.1120	.0987	.0959	.0944	.0923	.0934	.0939	.0925	.1486	.0931	.0940	.0933	.0929
295.				.0674	.0656	.0634	.0599	.0613	.0609	.0617	.0579	.0571	.0610	.0612
310.			.0666	.0416	.0452	.0814	.0438	.0398	.0412	.0403	.0388	.0392	.0396	.0378
325.	.0369	.0320	.0258	.0288	.0272	.0285	.0576	.0231	.0250	.0224	.0216	.0217	.0223	.0237
340.		.0215	.0126	.0129	.0121	.0165	.0124	.0126	.0086	.0086	.0083	.0095	.0097	.0105
350.				.0128	.0114	.0112	.0099	.0105	.0087	.0084	.0059	.0051	.0063	.0083

TABLE II. - CONTINUED

(N) MACH = 4.50, BETA = .99 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 9.51 DEG								
0.	.0742	.0743	.0741	.0764	.0751	.0727	.0732	.0745	.0739	.0717	.0724	.0733	.0740	0.
10.	.1217	.0644	.0644	.0650	.0650	.0645	.0655	.0660	.0651	.0634	.0627	.0640	.0622	10.
20.	.0617	.0591	.0595	.0609	.0603	.0589	.0601	.0606	.0604	.0589	.0584	.0591	.0596	20.
35.	.0606	.0616	.0596	.0594	.1118	.0574	.0587	.0593	.0587	.0570	.0568	.0570	.0547	35.
50.	.0610	.0617	.0612	.0616	.0625	.0594	.0604	.0606	.0600	.0584	.0581	.0571	.0559	50.
65.	.0639	.0645	.0645	.0640	.0630	.0638	.0645	.0642	.1260	.0636	.0610	.0615	.0597	65.
90.	.0733	.0738	.0726	.0725	.0718	.0727	.0733	.0728	.0729	.0719	.0722	.0719	.0723	90.
115.	.0928	.0924	.0913	.0904	.0891	.0897	.0897	.0882	.1464	.0886	.0879	.0884	.0865	115.
130.	.1106	.1103	.1086	.1090	.1088	.1072	.1068	.1064	.1057	.1054	.1058	.1039	.1013	130.
145.	.1477	.1493	.1469	.1464	.1874	.1456	.1450	.1443	.1429	.1434	.1440	.1436	.1401	145.
160.	.2300	.2273	.2285	.2285	.2263	.2243	.2245	.2238	.2246	.2250	.2271	.2294	.2291	160.
170.	.3685	.3371	.3331	.3313	.3304	.3306	.3306	.3314	.3312	.3324	.3322	.3345	.3325	170.
180.	.4389	.4379	.4361	.4396	.4371	.4334	.4343	.4349	.4331	.4321	.4338	.4333	.4316	180.
190.	.3984	.3684	.3642	.3627	.3632	.3639	.3654	.3672	.3671	.3688	.3667	.3698	.3664	190.
200.	.2668	.2640	.2657	.2659	.2643	.2631	.2644	.2638	.2657	.2664	.2669	.2697	.2688	200.
215.	.1818	.1845	.1818	.1814	.2196	.1817	.1819	.1816	.1807	.1816	.1807	.1796	.1759	215.
230.	.1424	.1424	.1409	.1416	.1415	.1407	.1411	.1411	.1407	.1403	.1394	.1368	.1332	230.
245.	.1225	.1224	.1218	.1211	.1199	.1211	.1218	.1204	.1741	.1204	.1186	.1191	.1169	245.
270.	.1003	.1009	.0997	.0994	.0982	.0995	.1006	.1004	.1006	.0987	.0994	.0993	.0991	270.
295.	.0881	.0883	.0879	.0874	.0855	.0862	.0871	.0871	.1477	.0867	.0852	.0858	.0841	295.
310.	.0832	.0832	.0822	.0828	.0829	.0805	.0803	.0807	.0803	.0797	.0793	.0795	.0781	310.
325.	.0792	.0800	.0782	.0781	.1279	.0763	.0767	.0773	.0770	.0763	.0759	.0774	.0744	325.
340.	.0789	.0761	.0763	.0776	.0768	.0748	.0751	.0752	.0751	.0742	.0744	.0763	.0769	340.
350.	.1330	.0765	.0763	.0767	.0765	.0756	.0761	.0766	.0758	.0747	.0745	.0768	.0747	350.
						FOR ALPHA = 14.50 DEG								
0.	.0356	.0358	.0355	.0367	.0349	.0332	.0341	.0348	.0355	.0330	.0334	.0349	.0360	0.
10.	.0947	.0326	.0322	.0326	.0321	.0315	.0313	.0316	.0316	.0302	.0307	.0329	.0309	10.
20.	.0358	.0321	.0322	.0333	.0322	.0308	.0306	.0310	.0311	.0302	.0308	.0325	.0331	20.
35.	.0365	.0361	.0346	.0347	.0910	.0334	.0337	.0346	.0342	.0329	.0335	.0346	.0326	35.
50.	.0413	.0415	.0408	.0413	.0418	.0383	.0383	.0393	.0395	.0382	.0387	.0385	.0383	50.
65.	.0483	.0475	.0486	.0496	.0486	.0477	.0477	.0477	.1119	.0474	.0456	.0467	.0452	65.
90.	.0680	.0683	.0674	.0668	.0650	.0644	.0642	.0643	.0645	.0630	.0637	.0635	.0643	90.
115.	.0977	.0970	.0960	.0949	.0940	.0943	.0946	.0933	.1497	.0934	.0916	.0921	.0905	115.
130.	.1252	.1245	.1230	.1238	.1237	.1223	.1221	.1215	.1209	.1198	.1194	.1173	.1150	130.
145.	.1777	.1804	.1776	.1774	.2153	.1770	.1761	.1754	.1738	.1741	.1733	.1729	.1696	145.
160.	.2918	.2889	.2908	.2907	.2880	.2853	.2856	.2845	.2856	.2858	.2867	.2898	.2889	160.
170.	.4637	.4405	.4353	.4337	.4327	.4316	.4311	.4327	.4316	.4332	.4306	.4339	.4322	170.
180.	.5848	.5842	.5812	.5872	.5817	.5792	.5821	.5812	.5778	.5766	.5786	.5782	.5737	180.
190.	.4969	.4748	.4700	.4688	.4692	.4702	.4727	.4744	.4749	.4759	.4729	.4758	.4717	190.
200.	.3334	.3309	.3333	.3338	.3318	.3294	.3312	.3302	.3326	.3325	.3331	.3360	.3336	200.
215.	.2152	.2187	.2160	.2162	.2507	.2166	.2164	.2158	.2143	.2144	.2136	.2123	.2072	215.
230.	.1592	.1586	.1572	.1584	.1578	.1577	.1579	.1575	.1568	.1553	.1541	.1515	.1473	230.
245.	.1291	.1283	.1274	.1268	.1253	.1269	.1275	.1260	.1776	.1250	.1227	.1228	.1207	245.
270.	.0952	.0958	.0942	.0937	.0922	.0919	.0925	.0923	.0921	.0901	.0904	.0902	.0904	270.
295.	.0709	.0704	.0706	.0718	.0710	.0704	.0715	.0719	.1340	.0709	.0686	.0692	.0671	295.
310.	.0599	.0602	.0597	.0601	.0612	.0578	.0584	.0594	.0601	.0584	.0580	.0576	.0566	310.
325.	.0509	.0506	.0490	.0493	.1043	.0481	.0493	.0504	.0502	.0480	.0478	.0487	.0464	325.
340.	.0446	.0409	.0405	.0417	.0413	.0403	.0408	.0413	.0413	.0392	.0396	.0413	.0423	340.
350.	.0995	.0371	.0370	.0374	.0365	.0355	.0360	.0369	.0367	.0350	.0347	.0371	.0358	350.
						FOR ALPHA = 19.50 DEG								
0.	.0159	.0155	.0154	.0162	.0141	.0132	.0142	.0146	.0154	.0132	.0137	.0153	.0164	0.
10.	.0771	.0122	.0114	.0119	.0111	.0105	.0106	.0109	.0112	.0113	.0123	.0137	.0119	10.
20.	.0105	.0084	.0081	.0097	.0087	.0077	.0086	.0091	.0095	.0102	.0100	.0114	.0111	20.
35.	.0115	.0108	.0090	.0102	.0717	.0116	.0112	.0114	.0116	.0109	.0112	.0116	.0096	35.
50.	.0233	.0246	.0231	.0229	.0244	.0210	.0211	.0211	.0208	.0211	.0210	.0209	.0205	50.
65.	.0392	.0386	.0381	.0374	.0363	.0361	.0369	.0372	.1043	.0392	.0364	.0368	.0354	65.
90.	.0663	.0667	.0660	.0655	.0639	.0637	.0640	.0641	.0659	.0644	.0648	.0646	.0650	90.
115.	.1060	.1057	.1052	.1044	.1031	.1036	.1038	.1022	.1569	.1036	.1024	.1024	.1008	115.
130.	.1445	.1442	.1432	.1437	.1428	.1415	.1414	.1412	.1407	.1407	.1404	.1379	.1345	130.
145.	.2130	.2167	.2132	.2125	.2465	.2127	.2122	.2113	.2097	.2104	.2097	.2083	.2040	145.
160.	.3609	.3581	.3603	.3590	.3568	.3537	.3538	.3509	.3522	.3516	.3536	.3562	.3547	160.
170.	.5667	.5490	.5433	.5408	.5406	.5415	.5396	.5402	.5388	.5406	.5380	.5406	.5370	170.
180.	.7387	.7400	.7375	.7440	.7360	.7353	.7368	.7332	.7299	.7284	.7298	.7269	.7214	180.
190.	.6051	.5874	.5829	.5823	.5828	.5861	.5856	.5873	.5868	.5888	.5843	.5868	.5825	190.
200.	.4069	.4025	.4060	.4067	.4048	.4018	.4029	.4007	.4020	.4016	.4018	.4050	.4023	200.
215.	.2527	.2567	.2528	.2530	.2842	.2537	.2532	.2523	.2504	.2512	.2489	.2473	.2430	215.
230.	.1791	.1787	.1776	.1784	.1771	.1766	.1769	.1763	.1756	.1751	.1738	.1712	.1673	230.
245.	.1375	.1374	.1369	.1360	.1347	.1357	.1359	.1341	.1860	.1341	.1323	.1328	.1312	245.
270.	.0930	.0937	.0930	.0927	.0907	.0905	.0909	.0909	.0916	.0894	.0894	.0890	.0894	270.
295.	.0620	.0618	.0614	.0606	.0589	.0587	.0598	.0601	.1242	.0594	.0567	.0572	.0551	295.
310.	.0416	.0428	.0420	.0425	.0433	.0393	.0395	.0397	.0394	.0375	.0374	.0369	.0364	310.
325.	.0235	.0226	.0203	.0224	.0817	.0225	.0231	.0237	.0232	.0208	.0206	.0219	.0192	325.
340.	.0126	.0093	.0099	.0116	.0109	.0094	.0103	.0107	.0104	.0082	.0086	.0111	.0123	340.
350.	.0748	.0097	.0095	.0104	.0098	.0088	.0095	.0101	.0103	.0080	.0079	.0102	.0082	350.

TABLE II. - CONTINUED

(D) MACH = 4.50, BETA = 3.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.50 DEG								
0.	.3570	.3531	.3201	.3281	.3361	.3468	.3450	.3474	.3467	.3506	.3474	.3409	.3415	.3385
10.				.2296	.2384	.2430	.2446	.2414	.2379	.2386	.2384	.2370	.2350	.2337
20.		.1563	.1346	.1406	.1435	.1449	.1471	.1485	.1493	.1467	.1507	.1503	.1507	.1505
35.	.1039	.1009	.0946	.0931	.0926	.0926	.1149	.0905	.0932	.0945	.0939	.0935	.0942	.0960
50.			.0660	.0726	.0758	.1095	.0723	.0716	.0723	.0720	.0723	.0732	.0727	.0720
65.				.0645	.0645	.0662	.0649	.0646	.0642	.0643	.0634	.0635	.0640	.0634
90.	.0737	.0732	.0589	.0585	.0604	.0588	.0588	.0591	.0595	.1196	.0566	.0566	.0566	.0562
115.				.0576	.0568	.0567	.0558	.0561	.0551	.0547	.0538	.0545	.0560	.0547
130.			.0576	.0578	.0566	.0929	.0554	.0537	.0521	.0517	.0518	.0536	.0556	.0550
145.	.0730	.0721	.0582	.0608	.0592	.0578	.0883	.0543	.0549	.0558	.0551	.0555	.0561	.0574
160.		.0746	.0662	.0676	.0682	.0657	.0645	.0657	.0650	.0637	.0629	.0627	.0630	.0642
170.				.0875	.0853	.0877	.0883	.0889	.0860	.0871	.0846	.0844	.0847	.0835
180.	.1513	.1281	.1180	.1201	.1158	.1204	.1219	.1229	.1234	.1239	.1243	.1209	.1218	.1213
190.				.1331	.1295	.1291	.1381	.1381	.1368	.1364	.1354	.1356	.1357	.1352
200.		.1353	.1294	.1335	.1302	.1287	.1317	.1338	.1332	.1326	.1318	.1308	.1314	.1313
215.	.1353	.1424	.1269	.1290	.1289	.1269	.1430	.1253	.1295	.1301	.1291	.1292	.1286	.1291
230.			.1289	.1297	.1301	.1614	.1288	.1292	.1309	.1304	.1309	.1306	.1301	.1286
245.				.1326	.1314	.1323	.1329	.1333	.1338	.1340	.1330	.1320	.1324	.1311
270.	.1517	.1501	.1344	.1381	.1368	.1354	.1391	.1411	.1422	.1930	.1380	.1374	.1361	.1358
295.				.1435	.1465	.1472	.1482	.1494	.1493	.1496	.1488	.1478	.1488	.1481
310.			.1513	.1627	.1592	.1903	.1614	.1617	.1634	.1636	.1634	.1637	.1633	.1614
325.	.1970	.1981	.1763	.1853	.1876	.1894	.2044	.1894	.1920	.1917	.1901	.1910	.1929	.1931
340.		.2497	.2378	.2369	.2451	.2486	.2502	.2501	.2519	.2505	.2523	.2496	.2500	.2502
350.				.3078	.3158	.3198	.3259	.3236	.3206	.3211	.3206	.3194	.3177	.3161
						FOR ALPHA = -3.50 DEG								
0.	.3080	.3013	.2749	.2799	.2880	.2982	.2979	.2995	.2978	.2999	.2972	.2911	.2917	.2905
10.				.1965	.2042	.2083	.2106	.2078	.2046	.2032	.2035	.2023	.2001	.1998
20.		.1355	.1168	.1232	.1250	.1265	.1280	.1295	.1307	.1283	.1293	.1289	.1298	.1298
35.	.0947	.0912	.0867	.0850	.0844	.0848	.1088	.0832	.0841	.0856	.0859	.0860	.0857	.0851
50.			.0648	.0730	.0673	.1071	.0702	.0692	.0695	.0694	.0692	.0695	.0698	.0687
65.				.0632	.0630	.0622	.0653	.0647	.0637	.0638	.0631	.0630	.0633	.0627
90.	.0759	.0752	.0607	.0609	.0605	.0606	.0600	.0594	.0604	.1215	.0594	.0593	.0590	.0588
115.				.0617	.0605	.0599	.0584	.0575	.0563	.0558	.0554	.0574	.0595	.0587
130.			.0620	.0622	.0609	.0965	.0611	.0601	.0594	.0594	.0588	.0590	.0598	.0587
145.	.0768	.0760	.0644	.0673	.0640	.0642	.0946	.0638	.0638	.0636	.0619	.0619	.0621	.0628
160.		.0849	.0785	.0811	.0768	.0794	.0784	.0780	.0778	.0771	.0768	.0757	.0764	.0765
170.				.1066	.1079	.1091	.1116	.1098	.1085	.1079	.1069	.1059	.1049	.1049
180.	.1803	.1612	.1483	.1474	.1461	.1529	.1537	.1550	.1557	.1568	.1560	.1518	.1525	.1513
190.				.1577	.1571	.1611	.1670	.1674	.1671	.1667	.1651	.1645	.1644	.1636
200.		.1524	.1473	.1518	.1464	.1497	.1528	.1528	.1539	.1531	.1527	.1512	.1520	.1516
215.	.1466	.1513	.1376	.1414	.1386	.1366	.1585	.1410	.1430	.1433	.1419	.1418	.1414	.1418
230.			.1346	.1388	.1384	.1694	.1360	.1362	.1404	.1417	.1404	.1394	.1387	.1369
245.				.1386	.1387	.1388	.1380	.1393	.1419	.1429	.1414	.1390	.1385	.1367
270.	.1534	.1533	.1358	.1385	.1389	.1367	.1410	.1431	.1443	.1953	.1405	.1400	.1385	.1384
295.				.1423	.1449	.1445	.1463	.1481	.1474	.1474	.1465	.1457	.1464	.1436
310.			.1485	.1570	.1551	.1838	.1572	.1573	.1582	.1575	.1569	.1569	.1571	.1560
325.	.1829	.1842	.1657	.1698	.1742	.1784	.1936	.1772	.1794	.1801	.1793	.1781	.1777	.1782
340.		.2235	.2095	.2163	.2226	.2250	.2262	.2277	.2277	.2254	.2257	.2235	.2242	.2247
350.				.2675	.2777	.2803	.2870	.2853	.2821	.2809	.2796	.2781	.2772	.2771
						FOR ALPHA = -2.50 DEG								
0.	.2868	.2784	.2546	.2580	.2662	.2747	.2747	.2763	.2742	.2753	.2735	.2682	.2694	.2676
10.				.1815	.1884	.1918	.1940	.1916	.1883	.1861	.1867	.1858	.1845	.1840
20.		.1271	.1122	.1162	.1173	.1181	.1192	.1205	.1215	.1196	.1200	.1188	.1201	.1208
35.	.0917	.0884	.0846	.0802	.0821	.0816	.1067	.0802	.0806	.0813	.0821	.0820	.0819	.0818
50.			.0653	.0726	.0659	.1070	.0698	.0685	.0686	.0683	.0680	.0678	.0681	.0674
65.				.0623	.0631	.0641	.0635	.0653	.0640	.0637	.0631	.0625	.0628	.0622
90.	.0779	.0765	.0622	.0623	.0614	.0604	.0609	.0601	.0599	.1210	.0599	.0606	.0604	.0601
115.				.0635	.0623	.0610	.0594	.0583	.0573	.0573	.0588	.0602	.0612	.0600
130.			.0640	.0645	.0630	.0996	.0631	.0616	.0622	.0619	.0601	.0602	.0609	.0600
145.	.0797	.0785	.0687	.0702	.0706	.0676	.0977	.0668	.0671	.0666	.0649	.0651	.0652	.0658
160.		.0917	.0861	.0877	.0852	.0858	.0848	.0847	.0848	.0837	.0838	.0827	.0832	.0828
170.				.1186	.1197	.1224	.1241	.1228	.1208	.1200	.1190	.1178	.1165	.1164
180.	.1975	.1800	.1662	.1656	.1635	.1720	.1718	.1731	.1734	.1745	.1736	.1691	.1697	.1683
190.				.1726	.1724	.1776	.1842	.1838	.1831	.1825	.1812	.1804	.1800	.1792
200.		.1634	.1568	.1611	.1542	.1622	.1632	.1642	.1654	.1644	.1637	.1618	.1625	.1623
215.	.1530	.1564	.1448	.1479	.1456	.1445	.1651	.1476	.1488	.1490	.1487	.1485	.1476	.1477
230.			.1377	.1428	.1419	.1717	.1411	.1436	.1438	.1445	.1442	.1434	.1425	.1407
245.				.1416	.1417	.1412	.1394	.1380	.1407	.1445	.1442	.1418	.1413	.1396
270.	.1549	.1548	.1363	.1401	.1396	.1387	.1407	.1437	.1455	.1959	.1413	.1407	.1393	.1394
295.				.1423	.1369	.1442	.1473	.1479	.1461	.1460	.1446	.1436	.1444	.1439
310.			.1464	.1521	.1536	.1812	.1541	.1550	.1554	.1548	.1535	.1535	.1536	.1525
325.	.1766	.1783	.1612	.1698	.1685	.1739	.1879	.1714	.1728	.1733	.1731	.1726	.1723	.1721
340.		.2120	.1976	.2061	.2090	.2133	.2143	.2155	.2161	.2128	.2131	.2115	.2127	.2130
350.				.2482	.2598	.2614	.2684	.2660	.2626	.2614	.2607	.2597	.2592	.2586

TABLE II. - CONTINUED

(O) MACH = 4.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = -5.50 DEG								
0.	.3393	.3378	.3367	.3428	.3406	.3371	.3404	.3428	.3400	.3386	.3386	.3370	.3345	0.
10.	.2658	.2300	.2283	.2276	.2276	.2277	.2291	.2314	.2309	.2322	.2304	.2317	.2296	10.
20.	.1495	.1473	.1482	.1490	.1482	.1463	.1467	.1467	.1478	.1487	.1492	.1509	.1508	20.
35.	.0940	.0956	.0936	.0930	.1385	.0923	.0925	.0923	.0913	.0915	.0907	.0910	.0887	35.
50.	.0719	.0720	.0710	.0720	.0725	.0708	.0706	.0704	.0700	.0689	.0682	.0669	.0649	50.
65.	.0636	.0630	.0624	.0626	.0613	.0622	.0625	.0615	.1308	.0619	.0601	.0607	.0590	65.
90.	.0562	.0571	.0565	.0563	.0549	.0551	.0552	.0551	.0573	.0549	.0549	.0546	.0552	90.
115.	.0547	.0548	.0547	.0540	.0529	.0529	.0531	.0529	.1187	.0543	.0519	.0528	.0513	115.
130.	.0551	.0551	.0543	.0546	.0556	.0529	.0531	.0530	.0528	.0524	.0523	.0515	.0509	130.
145.	.0576	.0575	.0564	.0563	.1094	.0555	.0557	.0559	.0554	.0551	.0553	.0557	.0527	145.
160.	.0663	.0638	.0645	.0656	.0650	.0640	.0641	.0641	.0638	.0634	.0643	.0648	.0651	160.
170.	.1378	.0835	.0826	.0829	.0828	.0823	.0824	.0828	.0818	.0814	.0819	.0827	.0806	170.
180.	.1215	.1216	.1203	.1228	.1208	.1177	.1175	.1186	.1171	.1153	.1162	.1157	.1156	180.
190.	.1842	.1355	.1343	.1337	.1331	.1324	.1327	.1331	.1317	.1310	.1298	.1312	.1279	190.
200.	.1326	.1301	.1305	.1314	.1305	.1291	.1292	.1287	.1288	.1285	.1271	.1284	.1281	200.
215.	.1276	.1288	.1267	.1261	.1699	.1256	.1260	.1260	.1257	.1247	.1234	.1230	.1193	215.
230.	.1291	.1294	.1270	.1270	.1276	.1260	.1259	.1257	.1250	.1239	.1227	.1211	.1182	230.
245.	.1319	.1310	.1297	.1292	.1283	.1293	.1298	.1280	.1852	.1268	.1250	.1257	.1240	245.
270.	.1361	.1372	.1360	.1354	.1343	.1342	.1344	.1336	.1339	.1318	.1321	.1320	.1316	270.
295.	.1488	.1487	.1481	.1474	.1463	.1468	.1475	.1457	.1989	.1452	.1430	.1434	.1405	295.
310.	.1616	.1627	.1618	.1630	.1631	.1616	.1613	.1609	.1603	.1594	.1577	.1552	.1511	310.
325.	.1903	.1926	.1902	.1901	.2286	.1901	.1899	.1897	.1882	.1886	.1874	.1872	.1833	325.
340.	.2497	.2470	.2489	.2504	.2496	.2477	.2481	.2484	.2497	.2509	.2502	.2521	.2515	340.
350.	.3470	.3142	.3123	.3124	.3131	.3138	.3163	.3186	.3171	.3181	.3158	.3174	.3138	350.
						FOR ALPHA = -3.50 DEG								
0.	.2911	.2914	.2909	.2970	.2959	.2919	.2929	.2940	.2908	.2888	.2897	.2888	.2868	0.
10.	.2374	.1974	.1957	.1958	.1967	.1977	.1983	.1984	.1975	.1980	.1962	.1974	.1953	10.
20.	.1297	.1275	.1281	.1290	.1287	.1278	.1285	.1281	.1288	.1288	.1285	.1299	.1298	20.
35.	.0831	.0857	.0847	.0842	.1327	.0838	.0838	.0836	.0832	.0831	.0824	.0824	.0800	35.
50.	.0679	.0680	.0671	.0673	.0686	.0669	.0672	.0674	.0674	.0662	.0655	.0644	.0628	50.
65.	.0626	.0624	.0619	.0617	.0606	.0613	.0616	.0607	.1287	.0610	.0592	.0600	.0588	65.
90.	.0586	.0594	.0589	.0585	.0573	.0572	.0574	.0572	.0589	.0565	.0568	.0567	.0574	90.
115.	.0586	.0581	.0579	.0572	.0562	.0562	.0565	.0562	.1208	.0580	.0553	.0560	.0546	115.
130.	.0586	.0587	.0578	.0581	.0591	.0569	.0569	.0569	.0567	.0570	.0565	.0556	.0547	130.
145.	.0625	.0623	.0612	.0613	.1138	.0610	.0610	.0613	.0606	.0612	.0609	.0614	.0586	145.
160.	.0769	.0741	.0746	.0758	.0754	.0744	.0744	.0746	.0748	.0746	.0755	.0763	.0765	160.
170.	.1549	.1038	.1028	.1028	.1029	.1027	.1028	.1033	.1023	.1020	.1024	.1033	.1008	170.
180.	.1517	.1518	.1508	.1546	.1529	.1500	.1501	.1513	.1487	.1467	.1475	.1468	.1459	180.
190.	.2095	.1628	.1617	.1619	.1616	.1613	.1619	.1624	.1605	.1593	.1586	.1592	.1559	190.
200.	.1512	.1487	.1496	.1508	.1501	.1487	.1490	.1487	.1491	.1485	.1481	.1491	.1484	200.
215.	.1390	.1403	.1382	.1376	.1807	.1372	.1375	.1376	.1371	.1363	.1357	.1350	.1313	215.
230.	.1366	.1367	.1344	.1342	.1347	.1333	.1334	.1333	.1329	.1317	.1306	.1286	.1256	230.
245.	.1365	.1359	.1348	.1340	.1330	.1339	.1345	.1329	.1871	.1320	.1303	.1306	.1287	245.
270.	.1382	.1396	.1383	.1378	.1364	.1367	.1370	.1362	.1349	.1340	.1347	.1340	.1335	270.
295.	.1462	.1461	.1459	.1456	.1444	.1452	.1453	.1435	.1944	.1421	.1409	.1420	.1388	295.
310.	.1564	.1567	.1548	.1555	.1556	.1549	.1554	.1555	.1548	.1534	.1528	.1509	.1465	310.
325.	.1766	.1797	.1778	.1779	.2172	.1777	.1779	.1778	.1768	.1766	.1761	.1761	.1713	325.
340.	.2246	.2224	.2243	.2260	.2255	.2241	.2255	.2251	.2257	.2249	.2253	.2276	.2262	340.
350.	.3115	.2764	.2753	.2758	.2769	.2769	.2788	.2798	.2780	.2778	.2769	.2787	.2748	350.
						FOR ALPHA = -2.50 DEG								
0.	.2693	.2700	.2700	.2751	.2730	.2688	.2695	.2706	.2673	.2662	.2666	.2660	.2646	0.
10.	.2247	.1825	.1815	.1814	.1819	.1825	.1826	.1830	.1815	.1822	.1805	.1822	.1800	10.
20.	.1211	.1186	.1195	.1205	.1204	.1198	.1202	.1196	.1198	.1196	.1194	.1211	.1207	20.
35.	.0795	.0811	.0806	.0806	.1300	.0806	.0808	.0808	.0801	.0798	.0790	.0791	.0767	35.
50.	.0673	.0669	.0657	.0661	.0682	.0660	.0659	.0664	.0665	.0655	.0649	.0640	.0624	50.
65.	.0628	.0624	.0621	.0619	.0618	.0618	.0620	.0612	.1283	.0611	.0590	.0604	.0588	65.
90.	.0601	.0608	.0601	.0597	.0585	.0582	.0583	.0581	.0597	.0570	.0574	.0573	.0577	90.
115.	.0599	.0596	.0593	.0588	.0574	.0576	.0578	.0574	.1214	.0584	.0561	.0568	.0551	115.
130.	.0603	.0605	.0596	.0600	.0608	.0584	.0584	.0585	.0584	.0577	.0580	.0569	.0557	130.
145.	.0657	.0655	.0643	.0641	.1157	.0632	.0634	.0636	.0632	.0626	.0631	.0638	.0610	145.
160.	.0829	.0805	.0811	.0824	.0820	.0805	.0807	.0806	.0807	.0799	.0813	.0824	.0827	160.
170.	.1649	.1151	.1142	.1140	.1139	.1135	.1139	.1144	.1136	.1130	.1134	.1143	.1122	170.
180.	.1684	.1688	.1676	.1712	.1697	.1666	.1669	.1685	.1661	.1639	.1648	.1640	.1631	180.
190.	.2241	.1782	.1769	.1763	.1761	.1758	.1766	.1770	.1753	.1744	.1745	.1748	.1720	190.
200.	.1623	.1596	.1602	.1612	.1604	.1590	.1592	.1587	.1590	.1591	.1596	.1605	.1603	200.
215.	.1452	.1466	.1445	.1438	.1865	.1429	.1432	.1433	.1429	.1429	.1427	.1422	.1383	215.
230.	.1405	.1406	.1384	.1383	.1385	.1370	.1370	.1371	.1369	.1363	.1355	.1333	.1301	230.
245.	.1396	.1390	.1380	.1372	.1362	.1367	.1373	.1357	.1904	.1353	.1342	.1343	.1319	245.
270.	.1395	.1409	.1396	.1390	.1377	.1376	.1377	.1368	.1363	.1352	.1354	.1350	.1346	270.
295.	.1449	.1450	.1449	.1444	.1433	.1441	.1444	.1421	.1939	.1409	.1390	.1395	.1372	295.
310.	.1533	.1538	.1522	.1525	.1527	.1516	.1516	.1516	.1515	.1505	.1494	.1473	.1434	310.
325.	.1697	.1730	.1716	.1717	.2121	.1718	.1719	.1716	.1708	.1705	.1694	.1688	.1647	325.
340.	.2127	.2110	.2127	.2145	.2145	.2130	.2134	.2129	.2135	.2137	.2131	.2143	.2131	340.
350.	.2953	.2590	.2580	.2584	.2591	.2585	.2598	.2610	.2591	.2594	.2580	.2585	.2596	350.

TABLE II. - CONTINUED

(D) MACH = 4.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -1.50 DEG								
0.	.2682	.2579	.2361	.2381	.2440	.2523	.2527	.2538	.2522	.2534	.2524	.2474	.2486	.2479
10.				.1685	.1732	.1763	.1789	.1761	.1734	.1719	.1722	.1714	.1704	.1705
20.		.1197	.1085	.1107	.1112	.1115	.1115	.1125	.1133	.1121	.1131	.1110	.1123	.1131
35.	.0897	.0866	.0828	.0759	.0814	.0802	.1053	.0780	.0783	.0783	.0789	.0794	.0796	.0798
50.			.0663	.0709	.0674	.1066	.0694	.0687	.0685	.0679	.0673	.0673	.0676	.0672
65.				.0640	.0650	.0641	.0645	.0654	.0652	.0646	.0635	.0631	.0635	.0631
90.	.0789	.0774	.0639	.0632	.0622	.0607	.0603	.0604	.0613	.1219	.0598	.0609	.0613	.0613
115.				.0638	.0625	.0618	.0608	.0607	.0602	.0607	.0596	.0597	.0610	.0602
130.			.0652	.0655	.0669	.1011	.0631	.0625	.0633	.0629	.0617	.0614	.0620	.0610
145.	.0819	.0806	.0726	.0717	.0727	.0717	.0988	.0687	.0700	.0697	.0681	.0688	.0691	.0694
160.		.0982	.0915	.0965	.0908	.0924	.0915	.0927	.0916	.0909	.0915	.0899	.0902	.0898
170.				.1289	.1342	.1360	.1375	.1363	.1350	.1338	.1323	.1309	.1296	.1292
180.	.2150	.1990	.1833	.1831	.1834	.1923	.1921	.1931	.1929	.1939	.1920	.1873	.1879	.1864
190.				.1886	.1931	.1953	.2009	.2008	.1990	.1986	.1967	.1955	.1947	.1937
200.		.1740	.1651	.1694	.1690	.1749	.1745	.1758	.1767	.1753	.1750	.1730	.1729	.1725
215.	.1588	.1617	.1503	.1564	.1506	.1505	.1734	.1543	.1554	.1553	.1546	.1546	.1537	.1537
230.			.1399	.1462	.1448	.1754	.1467	.1481	.1478	.1489	.1477	.1469	.1459	.1442
245.				.1438	.1433	.1419	.1407	.1437	.1453	.1461	.1449	.1432	.1430	.1415
270.	.1561	.1560	.1370	.1412	.1401	.1396	.1402	.1418	.1443	.1959	.1423	.1490	.1405	.1404
295.				.1424	.1385	.1419	.1470	.1463	.1436	.1455	.1441	.1422	.1431	.1425
310.			.1436	.1506	.1502	.1773	.1517	.1516	.1524	.1518	.1506	.1505	.1505	.1496
325.	.1715	.1732	.1586	.1655	.1594	.1675	.1826	.1653	.1668	.1671	.1666	.1667	.1670	.1671
340.		.2016	.1872	.1939	.1981	.2019	.2025	.2033	.2044	.2018	.2013	.1997	.2013	.2022
350.				.2325	.2421	.2437	.2496	.2473	.2444	.2435	.2428	.2422	.2420	.2418
						FOR ALPHA = -.50 DEG								
0.	.2491	.2376	.2182	.2192	.2215	.2302	.2309	.2321	.2314	.2327	.2315	.2275	.2290	.2287
10.				.1548	.1569	.1611	.1635	.1611	.1590	.1583	.1578	.1572	.1568	.1570
20.		.1121	.1030	.1033	.1040	.1038	.1037	.1043	.1054	.1046	.1061	.1039	.1045	.1054
35.	.0869	.0841	.0802	.0721	.0781	.0773	.1030	.0749	.0754	.0754	.0756	.0764	.0772	.0772
50.			.0661	.0665	.0668	.1031	.0688	.0674	.0675	.0666	.0661	.0660	.0668	.0662
65.				.0641	.0631	.0631	.0643	.0647	.0640	.0642	.0635	.0631	.0637	.0634
90.	.0796	.0769	.0643	.0635	.0620	.0609	.0602	.0591	.0584	.1203	.0599	.0617	.0625	.0624
115.				.0643	.0630	.0634	.0616	.0620	.0616	.0608	.0596	.0602	.0618	.0611
130.			.0660	.0658	.0689	.1007	.0644	.0635	.0646	.0643	.0630	.0630	.0639	.0627
145.	.0849	.0824	.0774	.0732	.0743	.0749	.1004	.0722	.0724	.0720	.0718	.0723	.0721	.0736
160.		.1056	.0993	.1016	.1001	.1008	.0987	.1007	.0986	.0986	.0991	.0977	.0968	.0963
170.				.1409	.1473	.1494	.1523	.1506	.1486	.1477	.1456	.1439	.1424	.1422
180.	.2332	.2188	.2005	.2012	.2038	.2122	.2126	.2135	.2129	.2138	.2114	.2067	.2070	.2056
190.				.2021	.2116	.2124	.2192	.2185	.2164	.2156	.2137	.2126	.2117	.2104
200.		.1847	.1732	.1789	.1816	.1864	.1862	.1872	.1882	.1870	.1866	.1843	.1839	.1833
215.	.1644	.1669	.1551	.1639	.1546	.1605	.1788	.1606	.1618	.1615	.1606	.1607	.1603	.1600
230.			.1430	.1496	.1483	.1782	.1503	.1505	.1518	.1520	.1503	.1498	.1494	.1479
245.				.1451	.1442	.1424	.1436	.1487	.1490	.1485	.1470	.1449	.1451	.1436
270.	.1572	.1563	.1375	.1417	.1414	.1394	.1386	.1415	.1455	.1971	.1430	.1426	.1414	.1413
295.				.1423	.1408	.1393	.1433	.1469	.1439	.1436	.1440	.1429	.1435	.1426
310.			.1420	.1486	.1473	.1757	.1479	.1487	.1491	.1487	.1483	.1487	.1489	.1480
325.	.1669	.1686	.1550	.1636	.1547	.1616	.1773	.1599	.1611	.1615	.1612	.1617	.1618	.1623
340.		.1918	.1784	.1837	.1871	.1901	.1906	.1917	.1928	.1912	.1913	.1894	.1906	.1918
350.				.2160	.2240	.2250	.2308	.2294	.2273	.2264	.2261	.2258	.2259	.2262
						FOR ALPHA = .50 DEG								
0.	.2301	.2164	.1988	.1994	.2005	.2087	.2090	.2105	.2105	.2119	.2106	.2070	.2091	.2086
10.				.1408	.1410	.1458	.1472	.1451	.1434	.1430	.1424	.1418	.1418	.1424
20.		.1028	.0952	.0959	.0956	.0951	.0944	.0951	.0961	.0954	.0968	.0953	.0952	.0960
35.	.0827	.0803	.0752	.0698	.0716	.0722	.0986	.0704	.0708	.0709	.0706	.0713	.0718	.0723
50.			.0645	.0641	.0652	.0998	.0650	.0641	.0643	.0636	.0627	.0630	.0633	.0629
65.				.0627	.0616	.0611	.0599	.0614	.0614	.0610	.0605	.0609	.0617	.0613
90.	.0787	.0763	.0636	.0628	.0614	.0600	.0593	.0588	.0584	.1200	.0596	.0612	.0617	.0616
115.				.0644	.0633	.0635	.0630	.0633	.0626	.0634	.0620	.0616	.0624	.0616
130.			.0663	.0678	.0680	.1001	.0666	.0665	.0671	.0661	.0652	.0651	.0657	.0644
145.	.0880	.0849	.0819	.0750	.0778	.0771	.1037	.0755	.0763	.0757	.0751	.0757	.0762	.0761
160.		.1135	.1061	.1076	.1052	.1071	.1058	.1071	.1074	.1067	.1072	.1053	.1047	.1046
170.				.1528	.1617	.1655	.1667	.1650	.1629	.1615	.1597	.1585	.1570	.1563
180.	.2524	.2395	.2200	.2191	.2242	.2337	.2333	.2349	.2337	.2344	.2322	.2275	.2278	.2258
190.				.2200	.2297	.2310	.2374	.2366	.2341	.2326	.2311	.2304	.2295	.2279
200.		.1960	.1827	.1907	.1932	.1968	.1975	.1990	.2002	.1985	.1976	.1952	.1957	.1954
215.	.1702	.1729	.1603	.1685	.1601	.1676	.1834	.1667	.1677	.1682	.1671	.1670	.1666	.1662
230.			.1460	.1537	.1519	.1808	.1537	.1546	.1553	.1553	.1537	.1533	.1528	.1514
245.				.1472	.1444	.1444	.1494	.1520	.1489	.1497	.1485	.1469	.1470	.1459
270.	.1570	.1562	.1373	.1415	.1405	.1395	.1389	.1408	.1451	.1970	.1432	.1426	.1412	.1412
295.				.1398	.1392	.1373	.1376	.1409	.1434	.1432	.1415	.1405	.1412	.1402
310.			.1386	.1442	.1427	.1722	.1437	.1438	.1451	.1449	.1443	.1449	.1453	.1443
325.	.1612	.1628	.1498	.1587	.1496	.1537	.1720	.1533	.1546	.1546	.1542	.1549	.1553	.1560
340.		.1804	.1688	.1732	.1752	.1788	.1785	.1799	.1811	.1799	.1798	.1783	.1794	.1804
350.				.2008	.2050	.2066	.2128	.2120	.2102	.2097	.2085	.2087	.2093	.2095

TABLE II. - CONTINUED

(D) MACH = 4.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = -1.50 DEG								
0.	.2494	.2506	.2497	.2541	.2514	.2475	.2480	.2491	.2464	.2453	.2462	.2457	.2451	0.
10.	.2130	.1696	.1684	.1683	.1679	.1685	.1686	.1687	.1672	.1683	.1672	.1683	.1666	10.
20.	.1138	.1116	.1125	.1139	.1133	.1127	.1126	.1119	.1121	.1122	.1124	.1132	.1132	20.
35.	.0774	.0783	.0776	.0778	.1281	.0787	.0789	.0788	.0779	.0779	.0771	.0768	.0743	35.
50.	.0671	.0670	.0661	.0661	.0677	.0659	.0662	.0666	.0664	.0658	.0652	.0639	.0623	50.
65.	.0632	.0633	.0632	.0631	.0627	.0629	.0632	.0624	.1292	.0626	.0608	.0613	.0598	65.
90.	.0612	.0619	.0612	.0609	.0598	.0595	.0596	.0594	.0608	.0587	.0590	.0588	.0593	90.
115.	.0606	.0607	.0606	.0600	.0593	.0594	.0596	.0590	.1228	.0604	.0579	.0588	.0570	115.
130.	.0617	.0619	.0612	.0616	.0629	.0604	.0606	.0606	.0604	.0597	.0603	.0589	.0581	130.
145.	.0691	.0689	.0673	.0668	.1187	.0661	.0662	.0665	.0659	.0658	.0667	.0671	.0649	145.
160.	.0900	.0877	.0883	.0894	.0887	.0876	.0876	.0877	.0878	.0877	.0889	.0901	.0907	160.
170.	.1759	.1274	.1260	.1257	.1257	.1257	.1260	.1269	.1262	.1265	.1267	.1276	.1259	170.
180.	.1865	.1864	.1851	.1890	.1872	.1841	.1848	.1867	.1845	.1823	.1835	.1818	.1813	180.
190.	.2377	.1928	.1910	.1904	.1903	.1903	.1914	.1923	.1907	.1894	.1894	.1900	.1872	190.
200.	.1724	.1696	.1703	.1712	.1701	.1689	.1692	.1687	.1692	.1687	.1687	.1704	.1698	200.
215.	.1510	.1525	.1503	.1494	.1919	.1484	.1487	.1488	.1485	.1476	.1472	.1472	.1432	215.
230.	.1438	.1440	.1419	.1419	.1425	.1409	.1410	.1409	.1405	.1393	.1380	.1360	.1325	230.
245.	.1416	.1413	.1403	.1397	.1387	.1394	.1401	.1381	.1911	.1366	.1349	.1355	.1332	245.
270.	.1403	.1416	.1403	.1398	.1383	.1382	.1384	.1374	.1365	.1351	.1357	.1355	.1348	270.
295.	.1434	.1440	.1438	.1436	.1424	.1430	.1433	.1414	.1945	.1404	.1388	.1394	.1371	295.
310.	.1504	.1512	.1495	.1502	.1504	.1490	.1491	.1491	.1487	.1481	.1471	.1449	.1413	310.
325.	.1646	.1668	.1653	.1657	.2075	.1666	.1670	.1667	.1655	.1655	.1643	.1636	.1594	325.
340.	.2027	.2004	.2023	.2040	.2036	.2021	.2024	.2021	.2025	.2029	.2019	.2030	.2021	340.
350.	.2813	.2426	.2418	.2415	.2415	.2414	.2425	.2441	.2421	.2424	.2406	.2416	.2389	350.
						FOR ALPHA = -.50 DEG								
0.	.2301	.2302	.2288	.2325	.2304	.2265	.2268	.2282	.2257	.2246	.2261	.2260	.2253	0.
10.	.2011	.1565	.1551	.1543	.1539	.1542	.1540	.1542	.1533	.1542	.1531	.1544	.1529	10.
20.	.1061	.1045	.1055	.1062	.1059	.1048	.1044	.1040	.1041	.1043	.1042	.1048	.1050	20.
35.	.0746	.0758	.0747	.0745	.1251	.0754	.0757	.0757	.0750	.0749	.0742	.0738	.0712	35.
50.	.0660	.0664	.0656	.0657	.0672	.0651	.0654	.0656	.0657	.0649	.0643	.0626	.0608	50.
65.	.0635	.0635	.0634	.0630	.0626	.0628	.0630	.0619	.1284	.0625	.0607	.0608	.0595	65.
90.	.0621	.0626	.0619	.0614	.0602	.0600	.0601	.0597	.0614	.0590	.0590	.0587	.0593	90.
115.	.0615	.0614	.0615	.0610	.0600	.0603	.0604	.0597	.1231	.0603	.0581	.0589	.0574	115.
130.	.0633	.0635	.0626	.0631	.0639	.0616	.0618	.0618	.0616	.0609	.0608	.0599	.0589	130.
145.	.0728	.0722	.0703	.0698	.1201	.0685	.0687	.0692	.0688	.0689	.0691	.0698	.0673	145.
160.	.0966	.0947	.0955	.0964	.0954	.0942	.0942	.0944	.0948	.0946	.0956	.0968	.0976	160.
170.	.1868	.1403	.1385	.1379	.1376	.1376	.1382	.1392	.1388	.1392	.1390	.1399	.1383	170.
180.	.2056	.2055	.2037	.2076	.2058	.2024	.2032	.2051	.2031	.2016	.2021	.2011	.1998	180.
190.	.2525	.2090	.2070	.2062	.2061	.2061	.2072	.2083	.2066	.2059	.2054	.2068	.2037	190.
200.	.1831	.1806	.1813	.1821	.1809	.1793	.1793	.1791	.1798	.1830	.1796	.1821	.1814	200.
215.	.1573	.1584	.1561	.1553	.1972	.1547	.1547	.1550	.1545	.1541	.1536	.1536	.1496	215.
230.	.1483	.1483	.1459	.1459	.1462	.1446	.1445	.1446	.1440	.1428	.1418	.1400	.1363	230.
245.	.1441	.1438	.1429	.1422	.1414	.1419	.1425	.1404	.1934	.1387	.1375	.1380	.1356	245.
270.	.1411	.1425	.1412	.1406	.1395	.1393	.1394	.1383	.1371	.1360	.1366	.1366	.1362	270.
295.	.1427	.1431	.1427	.1424	.1415	.1422	.1424	.1406	.1924	.1396	.1383	.1389	.1364	295.
310.	.1482	.1489	.1474	.1479	.1486	.1473	.1473	.1473	.1467	.1449	.1444	.1424	.1390	310.
325.	.1596	.1618	.1603	.1606	.2029	.1615	.1619	.1618	.1608	.1597	.1593	.1585	.1543	325.
340.	.1922	.1905	.1918	.1934	.1927	.1913	.1916	.1913	.1918	.1911	.1909	.1921	.1914	340.
350.	.2665	.2262	.2248	.2244	.2246	.2245	.2260	.2268	.2251	.2243	.2236	.2252	.2227	350.
						FOR ALPHA = .50 DEG								
0.	.2095	.2090	.2071	.2111	.2089	.2054	.2055	.2073	.2050	.2042	.2052	.2051	.2043	0.
10.	.1881	.1413	.1397	.1391	.1385	.1384	.1383	.1388	.1378	.1386	.1375	.1391	.1380	10.
20.	.0971	.0954	.0963	.0971	.0964	.0951	.0949	.0943	.0945	.0944	.0941	.0951	.0953	20.
35.	.0701	.0712	.0703	.0702	.1214	.0700	.0702	.0704	.0697	.0697	.0689	.0685	.0659	35.
50.	.0630	.0635	.0627	.0631	.0648	.0627	.0629	.0629	.0623	.0613	.0603	.0591	.0571	50.
65.	.0618	.0616	.0612	.0610	.0602	.0606	.0606	.0597	.1261	.0600	.0576	.0582	.0564	65.
90.	.0614	.0619	.0611	.0606	.0593	.0592	.0593	.0589	.0597	.0573	.0575	.0571	.0577	90.
115.	.0618	.0619	.0620	.0617	.0608	.0612	.0614	.0608	.1227	.0605	.0580	.0585	.0567	115.
130.	.0642	.0647	.0637	.0642	.0651	.0629	.0631	.0631	.0631	.0620	.0613	.0601	.0587	130.
145.	.0745	.0746	.0728	.0724	.1231	.0724	.0728	.0730	.0723	.0716	.0717	.0718	.0585	145.
160.	.1046	.1024	.1029	.1038	.1029	.1018	.1020	.1020	.1025	.1015	.1026	.1038	.1042	160.
170.	.1988	.1535	.1518	.1513	.1509	.1511	.1516	.1527	.1523	.1519	.1522	.1532	.1511	170.
180.	.2259	.2253	.2238	.2279	.2258	.2219	.2230	.2249	.2230	.2209	.2229	.2212	.2198	180.
190.	.2683	.2260	.2241	.2234	.2232	.2225	.2238	.2251	.2234	.2229	.2228	.2240	.2212	190.
200.	.1951	.1922	.1926	.1935	.1923	.1901	.1903	.1900	.1908	.1907	.1912	.1930	.1929	200.
215.	.1633	.1645	.1621	.1615	.2026	.1608	.1614	.1614	.1608	.1605	.1600	.1591	.1555	215.
230.	.1518	.1519	.1497	.1495	.1496	.1480	.1481	.1480	.1474	.1462	.1452	.1429	.1397	230.
245.	.1462	.1461	.1454	.1447	.1434	.1441	.1444	.1424	.1944	.1411	.1394	.1399	.1372	245.
270.	.1410	.1424	.1412	.1407	.1392	.1391	.1393	.1382	.1369	.1359	.1364	.1362	.1359	270.
295.	.1406	.1409	.1406	.1402	.1395	.1400	.1408	.1389	.1913	.1375	.1357	.1365	.1342	295.
310.	.1448	.1454	.1440	.1446	.1455	.1441	.1442	.1442	.1437	.1419	.1405	.1384	.1350	310.
325.	.1538	.1561	.1548	.1549	.1973	.1550	.1551	.1555	.1546	.1539	.1526	.1517	.1478	325.
340.	.1812	.1793	.1806	.1821	.1816	.1800	.1803	.1803	.1805	.1797	.1791	.1803	.1798	340.
350.	.2515	.2091	.2075	.2075	.2078	.2077	.2086	.2099	.2081	.2070	.2066	.2083	.2059	350.

TABLE II. - CONTINUED

(O) MACH = 4.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 1.50 DEG								
0.	.2128	.1970	.1821	.1807	.1815	.1898	.1901	.1919	.1922	.1941	.1932	.1897	.1915	.1908
10.				.1272	.1276	.1320	.1334	.1319	.1305	.1304	.1302	.1296	.1295	.1300
20.		.0953	.0880	.0905	.0892	.0887	.0877	.0883	.0891	.0885	.0896	.0887	.0892	.0894
35.	.0800	.0781	.0696	.0693	.0692	.0698	.0965	.0676	.0680	.0681	.0675	.0681	.0685	.0694
50.			.0633	.0634	.0640	.0995	.0618	.0624	.0626	.0623	.0615	.0616	.0621	.0619
65.				.0621	.0607	.0597	.0588	.0591	.0591	.0603	.0605	.0607	.0614	.0612
90.	.0783	.0766	.0631	.0625	.0615	.0601	.0599	.0601	.0606	.1209	.0594	.0606	.0609	.0611
115.				.0644	.0654	.0648	.0642	.0654	.0648	.0642	.0620	.0616	.0626	.0616
130.			.0665	.0725	.0674	.1055	.0694	.0688	.0684	.0678	.0662	.0662	.0667	.0658
145.	.0914	.0879	.0848	.0775	.0826	.0808	.1077	.0788	.0790	.0789	.0788	.0791	.0791	.0790
160.		.1224	.1116	.1123	.1135	.1141	.1140	.1148	.1156	.1144	.1144	.1121	.1129	.1133
170.				.1715	.1771	.1802	.1823	.1794	.1769	.1754	.1747	.1733	.1718	.1708
180.	.2726	.2615	.2387	.2405	.2464	.2551	.2547	.2561	.2549	.2558	.2541	.2488	.2492	.2467
190.				.2384	.2481	.2495	.2561	.2546	.2518	.2505	.2497	.2486	.2476	.2457
200.		.2078	.1931	.1997	.2053	.2087	.2095	.2110	.2123	.2097	.2090	.2069	.2077	.2073
215.	.1767	.1793	.1651	.1711	.1655	.1743	.1894	.1721	.1738	.1741	.1737	.1733	.1728	.1721
230.			.1494	.1567	.1560	.1835	.1573	.1574	.1588	.1583	.1572	.1567	.1561	.1544
245.				.1483	.1442	.1472	.1521	.1518	.1505	.1514	.1502	.1482	.1484	.1473
270.	.1572	.1572	.1381	.1419	.1411	.1402	.1408	.1429	.1453	.1968	.1434	.1430	.1417	.1417
295.				.1401	.1393	.1381	.1367	.1377	.1395	.1411	.1403	.1401	.1411	.1400
310.			.1368	.1422	.1408	.1702	.1412	.1421	.1420	.1431	.1428	.1437	.1439	.1426
325.	.1567	.1587	.1461	.1526	.1465	.1452	.1677	.1484	.1502	.1505	.1494	.1500	.1506	.1521
340.		.1709	.1611	.1674	.1636	.1699	.1687	.1722	.1726	.1703	.1710	.1715	.1728	.1732
350.				.1838	.1882	.1918	.1963	.1966	.1956	.1960	.1949	.1950	.1953	.1952
						FOR ALPHA = 2.50 DEG								
0.	.1946	.1769	.1642	.1615	.1621	.1692	.1709	.1723	.1728	.1750	.1751	.1714	.1725	.1714
10.				.1150	.1142	.1175	.1200	.1188	.1175	.1179	.1185	.1179	.1174	.1173
20.		.0875	.0805	.0831	.0815	.0817	.0812	.0812	.0820	.0815	.0829	.0821	.0831	.0833
35.	.0764	.0747	.0644	.0664	.0675	.0640	.0940	.0641	.0648	.0647	.0643	.0647	.0653	.0661
50.			.0602	.0611	.0599	.0977	.0608	.0593	.0602	.0605	.0600	.0602	.0611	.0609
65.				.0602	.0589	.0586	.0571	.0566	.0556	.0562	.0585	.0601	.0612	.0606
90.	.0766	.0751	.0612	.0615	.0608	.0601	.0607	.0599	.0598	.1206	.0599	.0602	.0601	.0600
115.				.0643	.0646	.0649	.0649	.0667	.0651	.0645	.0626	.0620	.0630	.0620
130.			.0669	.0749	.0670	.1068	.0714	.0700	.0700	.0692	.0678	.0677	.0683	.0673
145.	.0945	.0906	.0879	.0826	.0850	.0842	.1105	.0822	.0824	.0828	.0828	.0827	.0827	.0825
160.		.1310	.1160	.1192	.1213	.1220	.1226	.1236	.1245	.1226	.1223	.1209	.1221	.1222
170.				.1864	.1934	.1963	.1982	.1955	.1924	.1906	.1905	.1893	.1873	.1861
180.	.2933	.2841	.2602	.2623	.2698	.2777	.2768	.2786	.2773	.2787	.2768	.2709	.2713	.2689
190.				.2557	.2668	.2688	.2741	.2727	.2702	.2691	.2683	.2668	.2653	.2637
200.		.2195	.2045	.2128	.2172	.2210	.2208	.2227	.2242	.2210	.2208	.2186	.2193	.2187
215.	.1831	.1853	.1695	.1733	.1735	.1811	.1940	.1780	.1800	.1806	.1797	.1790	.1784	.1775
230.			.1528	.1596	.1590	.1862	.1598	.1611	.1617	.1613	.1600	.1597	.1593	.1580
245.				.1487	.1452	.1506	.1521	.1521	.1528	.1530	.1514	.1497	.1501	.1492
270.	.1555	.1558	.1368	.1402	.1400	.1385	.1403	.1432	.1448	.1957	.1414	.1410	.1401	.1402
295.				.1363	.1359	.1354	.1342	.1327	.1320	.1361	.1379	.1372	.1380	.1366
310.			.1330	.1373	.1364	.1657	.1352	.1358	.1371	.1376	.1380	.1385	.1389	.1379
325.	.1494	.1522	.1394	.1423	.1401	.1390	.1586	.1411	.1422	.1426	.1425	.1432	.1437	.1450
340.		.1592	.1520	.1574	.1476	.1570	.1588	.1575	.1600	.1601	.1592	.1579	.1599	.1611
350.				.1680	.1684	.1741	.1799	.1790	.1786	.1790	.1788	.1789	.1788	.1784
						FOR ALPHA = 4.50 DEG								
0.	.1629	.1428	.1320	.1318	.1302	.1362	.1364	.1393	.1407	.1418	.1417	.1384	.1389	.1379
10.				.0928	.0935	.0954	.0954	.0981	.0948	.0974	.0943	.0968	.0940	.0945
20.		.0759	.0689	.0729	.0692	.0679	.0701	.0698	.0699	.0676	.0701	.0675	.0696	.0698
35.	.0721	.0713	.0587	.0619	.0596	.0612	.0869	.0565	.0580	.0579	.0582	.0593	.0598	.0608
50.			.0578	.0580	.0568	.0933	.0555	.0547	.0550	.0551	.0551	.0563	.0576	.0575
65.				.0576	.0568	.0563	.0549	.0550	.0550	.0555	.0552	.0558	.0570	.0569
90.	.0736	.0735	.0592	.0591	.0605	.0592	.0590	.0593	.0593	.1199	.0574	.0576	.0572	.0569
115.				.0658	.0669	.0658	.0669	.0661	.0650	.0645	.0630	.0626	.0633	.0621
130.			.0664	.0750	.0740	.1090	.0734	.0722	.0719	.0715	.0705	.0710	.0711	.0694
145.	.1015	.0981	.0927	.0916	.0908	.0911	.1166	.0890	.0899	.0910	.0901	.0896	.0895	.0900
160.		.1490	.1278	.1362	.1386	.1396	.1411	.1421	.1427	.1391	.1408	.1403	.1409	.1403
170.				.2194	.2270	.2308	.2318	.2283	.2240	.2231	.2232	.2210	.2189	.2176
180.	.3369	.3314	.3052	.3098	.3168	.3263	.3240	.3249	.3235	.3263	.3235	.3168	.3175	.3148
190.				.2948	.3062	.3080	.3138	.3108	.3077	.3076	.3066	.3048	.3032	.3013
200.		.2434	.2305	.2340	.2429	.2454	.2466	.2469	.2472	.2454	.2464	.2432	.2433	.2431
215.	.1951	.1975	.1784	.1812	.1881	.1918	.2065	.1906	.1930	.1935	.1921	.1903	.1908	.1912
230.			.1565	.1673	.1623	.1957	.1671	.1671	.1677	.1673	.1668	.1663	.1657	.1640
245.				.1483	.1543	.1520	.1553	.1558	.1549	.1553	.1542	.1526	.1530	.1514
270.	.1526	.1524	.1360	.1389	.1373	.1370	.1393	.1422	.1441	.1945	.1399	.1393	.1378	.1378
295.				.1313	.1308	.1301	.1298	.1312	.1315	.1313	.1311	.1318	.1328	.1319
310.			.1275	.1298	.1298	.1600	.1284	.1267	.1270	.1298	.1308	.1320	.1323	.1311
325.	.1384	.1434	.1276	.1308	.1297	.1269	.1463	.1289	.1300	.1319	.1318	.1327	.1328	.1339
340.		.1400	.1344	.1390	.1357	.1335	.1374	.1391	.1402	.1400	.1395	.1387	.1397	.1402
350.				.1451	.1413	.1435	.1495	.1504	.1506	.1508	.1495	.1492	.1492	.1492

TABLE II. - CONTINUED

(O) MACH = 4.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 1.50 DEG								
0.	.1911	.1904	.1887	.1922	.1905	.1869	.1872	.1890	.1872	.1859	.1875	.1872	.1867	0.
10.	.1768	.1283	.1269	.1264	.1260	.1256	.1258	.1262	.1255	.1254	.1258	.1271	.1257	10.
20.	.0900	.0881	.0890	.0900	.0895	.0881	.0881	.0875	.0877	.0869	.0875	.0882	.0884	20.
35.	.0673	.0687	.0679	.0678	.1197	.0676	.0677	.0677	.0670	.0665	.0664	.0659	.0629	35.
50.	.0619	.0625	.0619	.0622	.0642	.0618	.0620	.0620	.0616	.0606	.0597	.0580	.0561	50.
65.	.0609	.0610	.0606	.0606	.0599	.0601	.0604	.0595	.1256	.0598	.0572	.0576	.0559	65.
90.	.0607	.0616	.0607	.0603	.0591	.0589	.0591	.0586	.0595	.0572	.0574	.0573	.0578	90.
115.	.0619	.0621	.0622	.0617	.0608	.0611	.0616	.0609	.1238	.0606	.0584	.0592	.0577	115.
130.	.0660	.0658	.0646	.0648	.0659	.0637	.0645	.0645	.0643	.0622	.0626	.0615	.0607	130.
145.	.0777	.0774	.0761	.0762	.1262	.0760	.0766	.0765	.0755	.0741	.0745	.0750	.0727	145.
160.	.1133	.1105	.1111	.1117	.1109	.1093	.1100	.1099	.1104	.1096	.1103	.1122	.1128	160.
170.	.2113	.1678	.1661	.1651	.1649	.1645	.1651	.1665	.1663	.1661	.1659	.1678	.1661	170.
180.	.2468	.2463	.2445	.2488	.2464	.2424	.2431	.2454	.2432	.2408	.2429	.2418	.2400	180.
190.	.2842	.2435	.2413	.2405	.2403	.2399	.2408	.2421	.2404	.2386	.2394	.2406	.2372	190.
200.	.2065	.2032	.2038	.2044	.2034	.2018	.2017	.2010	.2020	.2008	.2019	.2037	.2032	200.
215.	.1691	.1706	.1683	.1678	.2089	.1675	.1675	.1673	.1664	.1660	.1651	.1643	.1603	215.
230.	.1549	.1550	.1529	.1528	.1530	.1514	.1514	.1512	.1508	.1494	.1479	.1458	.1419	230.
245.	.1479	.1479	.1474	.1468	.1458	.1461	.1463	.1440	.1949	.1421	.1400	.1402	.1377	245.
270.	.1414	.1428	.1416	.1410	.1394	.1392	.1393	.1383	.1366	.1359	.1363	.1369	.1365	270.
295.	.1402	.1404	.1401	.1399	.1388	.1394	.1400	.1382	.1910	.1367	.1352	.1371	.1348	295.
310.	.1425	.1434	.1422	.1430	.1438	.1423	.1423	.1420	.1413	.1395	.1385	.1376	.1342	310.
325.	.1504	.1528	.1514	.1513	.1943	.1504	.1506	.1506	.1498	.1484	.1476	.1480	.1442	325.
340.	.1727	.1700	.1710	.1725	.1721	.1705	.1708	.1706	.1707	.1695	.1690	.1716	.1713	340.
350.	.2385	.1944	.1930	.1929	.1932	.1925	.1936	.1945	.1930	.1920	.1919	.1946	.1919	350.
						FOR ALPHA = 2.50 DEG								
0.	.1714	.1711	.1698	.1728	.1712	.1680	.1683	.1703	.1688	.1682	.1693	.1687	.1679	0.
10.	.1656	.1152	.1142	.1134	.1132	.1133	.1133	.1139	.1133	.1135	.1133	.1145	.1129	10.
20.	.0833	.0806	.0812	.0821	.0817	.0809	.0808	.0805	.0806	.0799	.0801	.0809	.0815	20.
35.	.0642	.0657	.0650	.0648	.1174	.0647	.0647	.0647	.0642	.0630	.0624	.0623	.0598	35.
50.	.0605	.0610	.0602	.0603	.0627	.0601	.0601	.0601	.0597	.0581	.0575	.0562	.0548	50.
65.	.0603	.0598	.0594	.0592	.0589	.0590	.0593	.0584	.1243	.0581	.0558	.0562	.0548	65.
90.	.0598	.0606	.0598	.0595	.0585	.0582	.0582	.0579	.0595	.0566	.0569	.0564	.0572	90.
115.	.0622	.0624	.0622	.0615	.0611	.0612	.0612	.0604	.1237	.0611	.0589	.0593	.0580	115.
130.	.0673	.0669	.0658	.0663	.0675	.0655	.0653	.0653	.0651	.0648	.0642	.0626	.0615	130.
145.	.0810	.0815	.0806	.0804	.1294	.0799	.0796	.0795	.0785	.0788	.0786	.0785	.0756	145.
160.	.1218	.1191	.1195	.1203	.1193	.1181	.1181	.1179	.1185	.1190	.1196	.1209	.1211	160.
170.	.2249	.1828	.1805	.1798	.1794	.1797	.1799	.1808	.1805	.1816	.1814	.1828	.1807	170.
180.	.2689	.2681	.2662	.2707	.2681	.2637	.2647	.2665	.2643	.2619	.2648	.2639	.2619	180.
190.	.3011	.2614	.2587	.2580	.2579	.2571	.2579	.2592	.2577	.2557	.2566	.2585	.2557	190.
200.	.2185	.2149	.2153	.2159	.2148	.2129	.2128	.2123	.2134	.2122	.2134	.2157	.2150	200.
215.	.1751	.1773	.1750	.1743	.2146	.1737	.1734	.1731	.1723	.1718	.1714	.1704	.1668	215.
230.	.1583	.1582	.1559	.1559	.1559	.1547	.1546	.1546	.1542	.1527	.1517	.1489	.1457	230.
245.	.1498	.1494	.1488	.1481	.1470	.1472	.1473	.1451	.1949	.1434	.1418	.1421	.1400	245.
270.	.1403	.1416	.1404	.1398	.1381	.1381	.1381	.1372	.1355	.1355	.1362	.1362	.1358	270.
295.	.1369	.1370	.1367	.1365	.1349	.1357	.1362	.1345	.1888	.1342	.1331	.1340	.1316	295.
310.	.1382	.1389	.1374	.1380	.1382	.1368	.1368	.1368	.1359	.1357	.1347	.1332	.1299	310.
325.	.1430	.1452	.1439	.1439	.1877	.1432	.1435	.1432	.1423	.1422	.1415	.1410	.1371	325.
340.	.1617	.1590	.1597	.1609	.1601	.1584	.1590	.1585	.1586	.1587	.1589	.1603	.1605	340.
350.	.2234	.1780	.1770	.1766	.1762	.1756	.1766	.1776	.1765	.1765	.1770	.1784	.1759	350.
						FOR ALPHA = 4.50 DEG								
0.	.1377	.1378	.1367	.1397	.1384	.1355	.1360	.1383	.1369	.1354	.1360	.1352	.1348	0.
10.	.1457	.0927	.0918	.0914	.0916	.0917	.0925	.0933	.0928	.0924	.0925	.0935	.0920	10.
20.	.0713	.0695	.0690	.0695	.0702	.0695	.0697	.0693	.0693	.0686	.0694	.0705	.0711	20.
35.	.0586	.0603	.0596	.0596	.1126	.0593	.0595	.0592	.0587	.0578	.0572	.0573	.0550	35.
50.	.0574	.0580	.0570	.0572	.0588	.0564	.0564	.0562	.0557	.0546	.0539	.0527	.0517	50.
65.	.0569	.0570	.0567	.0566	.0557	.0562	.0564	.0553	.1218	.0556	.0532	.0540	.0527	65.
90.	.0570	.0579	.0574	.0572	.0564	.0563	.0564	.0562	.0574	.0556	.0557	.0557	.0563	90.
115.	.0623	.0624	.0620	.0609	.0604	.0611	.0613	.0606	.1232	.0620	.0594	.0601	.0585	115.
130.	.0696	.0699	.0687	.0691	.0704	.0687	.0684	.0682	.0676	.0675	.0669	.0653	.0640	130.
145.	.0899	.0908	.0889	.0881	.1363	.0877	.0874	.0873	.0861	.0872	.0864	.0866	.0838	145.
160.	.1398	.1372	.1379	.1384	.1374	.1363	.1365	.1361	.1366	.1365	.1383	.1399	.1402	160.
170.	.2537	.2142	.2115	.2105	.2101	.2106	.2108	.2118	.2113	.2123	.2128	.2143	.2126	170.
180.	.3152	.3140	.3117	.3167	.3136	.3094	.3102	.3119	.3097	.3082	.3104	.3101	.3079	180.
190.	.3353	.2985	.2954	.2942	.2943	.2942	.2948	.2961	.2944	.2951	.2945	.2967	.2939	190.
200.	.2423	.2389	.2398	.2398	.2385	.2366	.2366	.2361	.2370	.2377	.2381	.2407	.2402	200.
215.	.1887	.1905	.1877	.1866	.2259	.1862	.1860	.1854	.1843	.1842	.1839	.1835	.1792	215.
230.	.1638	.1636	.1618	.1626	.1633	.1618	.1615	.1608	.1602	.1588	.1578	.1555	.1513	230.
245.	.1519	.1514	.1507	.1498	.1488	.1490	.1491	.1470	.1985	.1463	.1452	.1459	.1434	245.
270.	.1380	.1394	.1383	.1379	.1364	.1364	.1366	.1361	.1357	.1345	.1351	.1349	.1345	270.
295.	.1325	.1330	.1324	.1319	.1306	.1311	.1316	.1300	.1854	.1290	.1274	.1279	.1254	295.
310.	.1314	.1321	.1305	.1308	.1309	.1291	.1289	.1290	.1285	.1272	.1262	.1243	.1213	310.
325.	.1321	.1338	.1321	.1321	.1770	.1313	.1313	.1314	.1310	.1297	.1290	.1284	.1245	325.
340.	.1408	.1386	.1396	.1412	.1405	.1390	.1391	.1388	.1395	.1392	.1387	.1400	.1396	340.
350.	.1976	.1494	.1490	.1490	.1485	.1476	.1485	.1496	.1491	.1483	.1477	.1487	.1457	350.

TABLE II. - CONTINUED

(D) MACH = 4.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 9.50 DEG								
0.	.1054	.0804	.0694	.0745	.0729	.0707	.0745	.0741	.0733	.0727	.0764	.0723	.0728	.0729
10.				.0566	.0545	.0556	.0558	.0538	.0519	.0530	.0527	.0518	.0513	.0515
20.		.0618	.0486	.0492	.0479	.0486	.0455	.0446	.0435	.0446	.0465	.0456	.0460	.0468
35.	.0591	.0515	.0476	.0478	.0464	.0458	.0769	.0419	.0411	.0412	.0419	.0436	.0448	.0465
50.			.0482	.0472	.0465	.0839	.0483	.0461	.0451	.0453	.0444	.0445	.0453	.0447
65.				.0475	.0486	.0515	.0485	.0495	.0465	.0477	.0457	.0459	.0465	.0456
90.	.0677	.0667	.0517	.0534	.0527	.0531	.0529	.0523	.0520	.1132	.0504	.0506	.0502	.0498
115.				.0686	.0662	.0654	.0648	.0642	.0631	.0629	.0621	.0609	.0622	.0616
130.			.0626	.0801	.0814	.1142	.0789	.0777	.0787	.0791	.0784	.0774	.0777	.0788
145.	.1225	.1217	.1076	.1132	.1125	.1134	.1363	.1128	.1148	.1123	.1126	.1149	.1160	.1151
160.		.2041	.1845	.1864	.1898	.1918	.1943	.1925	.1926	.1934	.1957	.1927	.1927	.1924
170.				.3193	.3234	.3260	.3262	.3197	.3169	.3144	.3132	.3109	.3074	.3064
180.	.4602	.4634	.3972	.4486	.4507	.4589	.4554	.4572	.4556	.4574	.4528	.4454	.4463	.4435
190.				.4082	.4151	.4185	.4227	.4192	.4154	.4129	.4122	.4099	.4076	.4057
200.		.3117	.3027	.2970	.3093	.3137	.3125	.3128	.3155	.3121	.3133	.3094	.3093	.3087
215.	.2287	.2331	.2161	.2199	.2221	.2248	.2391	.2250	.2241	.2262	.2264	.2253	.2254	.2243
230.			.1591	.1798	.1815	.2080	.1803	.1820	.1843	.1819	.1792	.1809	.1820	.1802
245.				.1565	.1565	.1585	.1588	.1596	.1593	.1598	.1586	.1561	.1555	.1547
270.	.1492	.1470	.1266	.1362	.1336	.1335	.1330	.1338	.1356	.1881	.1331	.1328	.1319	.1323
295.				.1193	.1148	.1203	.1170	.1170	.1191	.1203	.1175	.1169	.1176	.1171
310.			.1111	.1067	.1082	.1420	.1099	.1100	.1100	.1098	.1091	.1085	.1097	.1092
325.	.1080	.1108	.1009	.1001	.0996	.1027	.1232	.1008	.1018	.1011	.1017	.1030	.1029	.1041
340.		.1013	.0922	.0948	.0935	.0928	.0931	.0939	.0923	.0921	.0938	.0947	.0963	.0963
350.				.0859	.0874	.0849	.0866	.0864	.0870	.0867	.0848	.0859	.0879	.0886
						FOR ALPHA = 14.50 DEG								
0.	.0696	.0426	.0325	.0337	.0300	.0334	.0326	.0323	.0314	.0295	.0350	.0310	.0322	.0319
10.				.0288	.0276	.0269	.0249	.0255	.0260	.0259	.0257	.0261	.0268	.0273
20.		.0415	.0292	.0285	.0273	.0266	.0240	.0240	.0249	.0259	.0262	.0261	.0272	.0274
35.	.0376	.0388	.0285	.0277	.0265	.0293	.0645	.0266	.0251	.0244	.0244	.0252	.0255	.0267
50.			.0313	.0285	.0319	.0698	.0305	.0291	.0260	.0272	.0262	.0257	.0273	.0266
65.				.0342	.0345	.0338	.0325	.0326	.0307	.0311	.0310	.0304	.0308	.0300
90.	.0619	.0611	.0446	.0461	.0484	.0461	.0443	.0436	.0432	.1052	.0411	.0402	.0418	.0426
115.				.0697	.0708	.0689	.0677	.0667	.0664	.0671	.0652	.0646	.0691	.0687
130.			.0707	.1001	.0969	.1262	.0914	.0919	.0939	.0912	.0932	.0957	.0955	.0939
145.	.1477	.1502	.1311	.1407	.1425	.1414	.1623	.1414	.1401	.1428	.1447	.1444	.1452	.1440
160.		.2663	.2444	.2465	.2491	.2500	.2498	.2471	.2517	.2506	.2543	.2515	.2511	.2505
170.				.4273	.4278	.4298	.4253	.4213	.4162	.4134	.4143	.4109	.4067	.4057
180.	.5946	.6082	.5438	.5983	.5912	.5974	.5956	.5992	.5964	.5989	.5892	.5802	.5816	.5790
190.				.5259	.5281	.5299	.5341	.5290	.5238	.5213	.5176	.5150	.5128	.5112
200.		.3826	.3575	.3716	.3806	.3807	.3782	.3785	.3822	.3787	.3830	.3784	.3788	.3782
215.	.2615	.2701	.2521	.2527	.2588	.2611	.2697	.2572	.2584	.2607	.2619	.2611	.2622	.2599
230.			.1606	.1994	.1995	.2234	.1979	.1960	.1976	.1981	.1999	.2006	.2001	.1979
245.				.1672	.1648	.1638	.1650	.1668	.1641	.1612	.1648	.1646	.1661	.1648
270.	.1444	.1427	.1255	.1247	.1284	.1257	.1266	.1273	.1278	.1811	.1250	.1234	.1229	.1263
295.				.0955	.1004	.0983	.0977	.1026	.1003	.1005	.0987	.0983	.0988	.0979
310.			.0901	.0901	.0848	.1212	.0838	.0866	.0843	.0856	.0835	.0836	.0842	.0831
325.	.0768	.0747	.0675	.0674	.0695	.0717	.0946	.0691	.0699	.0679	.0696	.0686	.0689	.0701
340.		.0582	.0512	.0550	.0510	.0544	.0501	.0531	.0529	.0535	.0503	.0507	.0526	.0530
350.				.0400	.0387	.0405	.0415	.0383	.0396	.0413	.0372	.0374	.0384	.0395
						FOR ALPHA = 19.50 DEG								
0.	.0913	.0246	.0155	.0142	.0121	.0130	.0112	.0109	.0101	.0097	.0149	.0109	.0120	.0126
10.				.0134	.0127	.0130	.0113	.0106	.0099	.0099	.0089	.0103	.0112	.0117
20.		.0216	.0128	.0118	.0114	.0122	.0088	.0085	.0057	.0066	.0062	.0062	.0080	.0086
35.	.0185	.0173	.0105	.0088	.0115	.0107	.0497	.0063	.0051	.0033	.0030	.0030	.0029	.0036
50.			.0249	.0121	.0146	.0557	.0124	.0090	.0093	.0093	.0071	.0066	.0060	.0063
65.				.0249	.0246	.0235	.0209	.0223	.0206	.0205	.0170	.0174	.0215	.0211
90.	.0624	.0617	.0498	.0450	.0479	.0438	.0442	.0428	.0423	.1046	.0414	.0437	.0444	.0434
115.				.0827	.0812	.0777	.0760	.0779	.0743	.0762	.0781	.0771	.0776	.0759
130.			.0871	.1163	.1129	.1410	.1111	.1095	.1114	.1140	.1136	.1130	.1124	.1107
145.	.1788	.1841	.1672	.1726	.1727	.1746	.1925	.1715	.1757	.1750	.1761	.1752	.1767	.1758
160.		.3364	.3106	.3110	.3124	.3121	.3105	.3106	.3139	.3121	.3175	.3145	.3150	.3152
170.				.5423	.5376	.5392	.5373	.5309	.5241	.5210	.5191	.5163	.5129	.5119
180.	.7456	.7661	.6830	.7587	.7418	.7503	.7514	.7541	.7510	.7537	.7395	.7321	.7351	.7325
190.				.6520	.6498	.6512	.6570	.6503	.6438	.6420	.6349	.6337	.6319	.6307
200.		.4621	.4183	.4480	.4515	.4500	.4528	.4522	.4559	.4533	.4569	.4527	.4532	.4533
215.	.2993	.3112	.2859	.2910	.2976	.2988	.3055	.2969	.2994	.2995	.3003	.2997	.3007	.2988
230.			.1781	.2183	.2184	.2431	.2163	.2165	.2222	.2212	.2207	.2201	.2186	.2166
245.				.1740	.1742	.1742	.1743	.1736	.1749	.1774	.1764	.1738	.1742	.1725
270.	.1469	.1453	.1316	.1254	.1279	.1239	.1251	.1252	.1242	.1781	.1253	.1256	.1244	.1239
295.				.0951	.0960	.0935	.0905	.0902	.0891	.0901	.0866	.0850	.0895	.0889
310.			.0954	.0630	.0661	.1091	.0712	.0669	.0653	.0652	.0630	.0636	.0639	.0612
325.	.0547	.0496	.0437	.0469	.0435	.0456	.0743	.0396	.0434	.0412	.0392	.0399	.0397	.0410
340.		.0261	.0170	.0208	.0197	.0211	.0181	.0183	.0160	.0192	.0155	.0168	.0168	.0166
350.				.0101	.0096	.0083	.0097	.0082	.0058	.0078	.0033	.0055	.0052	.0056

TABLE II. - CONTINUED

(D) MACH = 4.50, BETA = 3.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 9.50 DEG								
0.	.0734	.0735	.0730	.0751	.0741	.0717	.0716	.0724	.0716	.0706	.0709	.0711	.0719	0.
10.	.1110	.0514	.0517	.0521	.0525	.0518	.0521	.0524	.0518	.0511	.0510	.0519	.0505	10.
20.	.0491	.0462	.0466	.0473	.0472	.0459	.0457	.0456	.0458	.0451	.0452	.0456	.0461	20.
35.	.0455	.0462	.0451	.0452	.1002	.0437	.0437	.0438	.0435	.0427	.0426	.0428	.0404	35.
50.	.0455	.0457	.0449	.0450	.0469	.0437	.0437	.0436	.0433	.0425	.0421	.0415	.0408	50.
65.	.0460	.0464	.0464	.0462	.0456	.0454	.0453	.0450	.1144	.0458	.0436	.0440	.0427	65.
90.	.0497	.0501	.0495	.0499	.0498	.0497	.0495	.0492	.0498	.0478	.0481	.0479	.0487	90.
115.	.0614	.0623	.0629	.0622	.0614	.0611	.0609	.0600	.1207	.0592	.0569	.0579	.0566	115.
130.	.0791	.0786	.0772	.0775	.0784	.0762	.0760	.0757	.0751	.0729	.0727	.0716	.0700	130.
145.	.1132	.1145	.1125	.1120	.1570	.1121	.1117	.1111	.1097	.1082	.1081	.1084	.1052	145.
160.	.1920	.1894	.1907	.1908	.1892	.1879	.1880	.1872	.1877	.1863	.1877	.1902	.1902	160.
170.	.3342	.3019	.2982	.2962	.2956	.2965	.2965	.2972	.2969	.2976	.2966	.2995	.2973	170.
180.	.4439	.4428	.4398	.4447	.4403	.4353	.4372	.4382	.4351	.4332	.4366	.4361	.4332	180.
190.	.4313	.4025	.3983	.3964	.3959	.3952	.3964	.3982	.3962	.3981	.3972	.4001	.3966	190.
200.	.3084	.3050	.3066	.3066	.3044	.3017	.3019	.3012	.3026	.3032	.3045	.3076	.3063	200.
215.	.2215	.2246	.2213	.2204	.2552	.2199	.2191	.2183	.2167	.2176	.2169	.2162	.2117	215.
230.	.1800	.1797	.1779	.1783	.1782	.1766	.1762	.1757	.1751	.1749	.1733	.1707	.1664	230.
245.	.1574	.1576	.1567	.1553	.1541	.1546	.1549	.1523	.2029	.1528	.1509	.1515	.1492	245.
270.	.1326	.1335	.1318	.1310	.1300	.1302	.1313	.1308	.1307	.1301	.1299	.1298	.1297	270.
295.	.1174	.1176	.1172	.1167	.1158	.1157	.1164	.1153	.1735	.1155	.1131	.1138	.1117	295.
310.	.1100	.1107	.1091	.1094	.1105	.1077	.1073	.1072	.1066	.1066	.1054	.1046	.1028	310.
325.	.1024	.1030	.1015	.1015	.1505	.1003	.1003	.1005	.1003	.1000	.0991	.0998	.0969	325.
340.	.0969	.0940	.0944	.0958	.0953	.0937	.0938	.0937	.0937	.0938	.0930	.0946	.0953	340.
350.	.1445	.0891	.0886	.0890	.0887	.0877	.0876	.0881	.0873	.0864	.0867	.0878	.0858	350.
						FOR ALPHA = 14.50 DEG								
0.	.0316	.0318	.0319	.0332	.0318	.0302	.0313	.0320	.0322	.0302	.0303	.0310	.0324	0.
10.	.0907	.0273	.0271	.0273	.0270	.0260	.0263	.0266	.0263	.0255	.0254	.0268	.0252	10.
20.	.0293	.0260	.0264	.0269	.0266	.0254	.0253	.0252	.0250	.0242	.0243	.0254	.0261	20.
35.	.0259	.0261	.0252	.0256	.0837	.0246	.0249	.0252	.0248	.0239	.0239	.0253	.0228	35.
50.	.0262	.0267	.0264	.0264	.0286	.0250	.0256	.0265	.0265	.0252	.0248	.0245	.0243	50.
65.	.0296	.0296	.0314	.0320	.0307	.0302	.0302	.0296	.1009	.0305	.0279	.0284	.0270	65.
90.	.0427	.0440	.0434	.0425	.0410	.0406	.0404	.0403	.0426	.0397	.0397	.0400	.0408	90.
115.	.0679	.0672	.0663	.0652	.0645	.0647	.0647	.0641	.1251	.0648	.0622	.0638	.0624	115.
130.	.0932	.0924	.0912	.0918	.0924	.0905	.0901	.0898	.0892	.0888	.0880	.0872	.0857	130.
145.	.1420	.1436	.1414	.1411	.1821	.1412	.1404	.1396	.1382	.1389	.1377	.1374	.1356	145.
160.	.2500	.2475	.2494	.2494	.2471	.2450	.2449	.2432	.2443	.2448	.2454	.2479	.2487	160.
170.	.4265	.4013	.3962	.3946	.3933	.3927	.3922	.3931	.3927	.3946	.3924	.3949	.3944	170.
180.	.5809	.5806	.5779	.5838	.5775	.5752	.5775	.5772	.5732	.5720	.5745	.5737	.5699	180.
190.	.5312	.5086	.5044	.5022	.5021	.5042	.5050	.5066	.5053	.5063	.5031	.5068	.5032	190.
200.	.3774	.3738	.3765	.3762	.3735	.3705	.3712	.3698	.3715	.3716	.3718	.3757	.3739	200.
215.	.2560	.2593	.2558	.2553	.2871	.2550	.2545	.2532	.2510	.2512	.2507	.2499	.2450	215.
230.	.1973	.1959	.1938	.1945	.1942	.1930	.1932	.1926	.1915	.1893	.1892	.1862	.1819	230.
245.	.1648	.1634	.1618	.1604	.1596	.1601	.1606	.1582	.2068	.1574	.1561	.1565	.1539	245.
270.	.1267	.1271	.1254	.1245	.1231	.1229	.1233	.1226	.1216	.1207	.1209	.1209	.1208	270.
295.	.0979	.0979	.0979	.0978	.0980	.0981	.0990	.0986	.1571	.0977	.0952	.0960	.0936	295.
310.	.0835	.0837	.0828	.0832	.0837	.0808	.0818	.0829	.0826	.0816	.0812	.0803	.0791	310.
325.	.0689	.0688	.0671	.0672	.1206	.0663	.0674	.0684	.0680	.0658	.0652	.0657	.0635	325.
340.	.0541	.0504	.0509	.0525	.0520	.0505	.0509	.0515	.0514	.0496	.0497	.0511	.0524	340.
350.	.1019	.0395	.0390	.0393	.0387	.0379	.0383	.0390	.0388	.0370	.0377	.0393	.0381	350.
						FOR ALPHA = 19.50 DEG								
0.	.0122	.0121	.0122	.0131	.0117	.0105	.0114	.0115	.0120	.0103	.0107	.0119	.0136	0.
10.	.0780	.0113	.0109	.0113	.0110	.0099	.0100	.0104	.0108	.0099	.0101	.0120	.0103	10.
20.	.0113	.0079	.0086	.0089	.0093	.0082	.0087	.0090	.0092	.0081	.0085	.0093	.0101	20.
35.	.0025	.0022	.0020	.0037	.0660	.0028	.0034	.0038	.0035	.0026	.0025	.0036	.0019	35.
50.	.0088	.0093	.0083	.0078	.0105	.0060	.0065	.0065	.0064	.0056	.0053	.0052	.0053	50.
65.	.0203	.0202	.0198	.0197	.0190	.0184	.0189	.0189	.0916	.0201	.0171	.0178	.0167	65.
90.	.0428	.0431	.0426	.0424	.0411	.0407	.0408	.0409	.0421	.0402	.0403	.0404	.0413	90.
115.	.0758	.0756	.0752	.0746	.0736	.0739	.0741	.0732	.1320	.0724	.0715	.0720	.0705	115.
130.	.1107	.1107	.1097	.1102	.1102	.1086	.1087	.1083	.1076	.1052	.1066	.1041	.1020	130.
145.	.1740	.1765	.1737	.1730	.2104	.1737	.1733	.1726	.1709	.1696	.1700	.1689	.1652	145.
160.	.3143	.3112	.3131	.3126	.3102	.3080	.3076	.3051	.3056	.3038	.3058	.3080	.3067	160.
170.	.5250	.5058	.4998	.4984	.4972	.4972	.4955	.4959	.4944	.4940	.4922	.4951	.4926	170.
180.	.7340	.7344	.7313	.7380	.7306	.7299	.7315	.7282	.7245	.7221	.7234	.7211	.7166	180.
190.	.6448	.6260	.6197	.6180	.6193	.6232	.6230	.6239	.6215	.6235	.6189	.6228	.6178	190.
200.	.4530	.4483	.4504	.4501	.4480	.4465	.4474	.4451	.4462	.4460	.4460	.4494	.4467	200.
215.	.2954	.3002	.2954	.2948	.3235	.2957	.2944	.2932	.2911	.2914	.2897	.2884	.2834	215.
230.	.2167	.2166	.2149	.2157	.2147	.2140	.2135	.2126	.2120	.2108	.2106	.2080	.2032	230.
245.	.1727	.1722	.1714	.1705	.1695	.1703	.1702	.1677	.2153	.1672	.1665	.1677	.1653	245.
270.	.1238	.1248	.1238	.1234	.1219	.1214	.1216	.1210	.1213	.1201	.1202	.1203	.1201	270.
295.	.0890	.0895	.0890	.0886	.0871	.0867	.0873	.0873	.1490	.0874	.0844	.0851	.0828	295.
310.	.0654	.0675	.0659	.0662	.0674	.0640	.0637	.0635	.0629	.0624	.0618	.0614	.0604	310.
325.	.0407	.0399	.0381	.0396	.0995	.0412	.0410	.0412	.0405	.0395	.0394	.0408	.0378	325.
340.	.0188	.0156	.0161	.0174	.0166	.0155	.0153	.0149	.0146	.0152	.0170	.0196	.0199	340.
350.	.0729	.0065	.0061	.0067	.0059	.0056	.0058	.0062	.0064	.0055	.0053	.0075	.0049	350.

TABLE II. - CONTINUED

(P) MACH = 4.50, BETA = 5.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.50 DEG								
0.	.3540	.3494	.3210	.3279	.3317	.3421	.3414	.3438	.3445	.3469	.3442	.3373	.3372	.3342
10.				.2013	.2112	.2152	.2162	.2132	.2098	.2102	.2105	.2084	.2061	.2046
20.		.1273	.1034	.1141	.1126	.1142	.1158	.1166	.1164	.1155	.1197	.1189	.1192	.1191
35.	.0773	.0724	.0632	.0639	.0665	.0651	.0935	.0632	.0656	.0662	.0632	.0635	.0665	.0677
50.			.0440	.0480	.0505	.0871	.0476	.0464	.0464	.0470	.0472	.0474	.0472	.0451
65.				.0403	.0423	.0443	.0425	.0422	.0415	.0415	.0407	.0410	.0418	.0412
90.	.0545	.0530	.0412	.0395	.0404	.0394	.0403	.0405	.0397	.1017	.0369	.0374	.0376	.0372
115.				.0407	.0394	.0391	.0381	.0380	.0377	.0384	.0369	.0375	.0386	.0371
130.			.0418	.0411	.0394	.0771	.0386	.0373	.0371	.0368	.0356	.0368	.0382	.0373
145.	.0553	.0535	.0415	.0428	.0410	.0408	.0720	.0389	.0381	.0395	.0367	.0367	.0373	.0397
160.		.0557	.0465	.0528	.0465	.0501	.0457	.0473	.0451	.0452	.0438	.0427	.0448	.0447
170.				.0661	.0708	.0712	.0680	.0712	.0685	.0684	.0670	.0661	.0652	.0659
180.	.1501	.1262	.1156	.1180	.1118	.1199	.1176	.1205	.1211	.1217	.1224	.1186	.1194	.1182
190.				.1499	.1421	.1463	.1539	.1537	.1535	.1537	.1523	.1519	.1518	.1509
200.		.1595	.1565	.1591	.1542	.1550	.1574	.1578	.1597	.1594	.1579	.1564	.1570	.1570
215.	.1638	.1712	.1586	.1605	.1573	.1544	.1741	.1600	.1615	.1606	.1587	.1588	.1583	.1594
230.			.1613	.1624	.1601	.1891	.1645	.1655	.1635	.1632	.1629	.1625	.1619	.1605
245.				.1671	.1648	.1650	.1674	.1703	.1686	.1694	.1679	.1662	.1659	.1645
270.	.1878	.1855	.1686	.1736	.1707	.1715	.1747	.1775	.1788	.2251	.1734	.1727	.1713	.1715
295.				.1785	.1810	.1856	.1866	.1869	.1863	.1870	.1867	.1853	.1864	.1854
310.			.1889	.1965	.1986	.2259	.2011	.2015	.2032	.2026	.2024	.2024	.2021	.2004
325.	.2355	.2388	.2131	.2228	.2280	.2298	.2428	.2292	.2323	.2326	.2317	.2311	.2329	.2332
340.		.2869	.2675	.2706	.2833	.2882	.2894	.2911	.2920	.2895	.2916	.2885	.2892	.2889
350.				.3316	.3457	.3479	.3556	.3533	.3507	.3502	.3498	.3480	.3468	.3448
						FOR ALPHA = -3.50 DEG								
0.	.3061	.2989	.2766	.2778	.2844	.2943	.2947	.2968	.2959	.2971	.2940	.2875	.2883	.2865
10.				.1725	.1814	.1835	.1837	.1823	.1785	.1773	.1778	.1759	.1736	.1731
20.		.1087	.0893	.0987	.0977	.0975	.0991	.0996	.1001	.0980	.1002	.1001	.1008	.1008
35.	.0704	.0657	.0581	.0583	.0607	.0598	.0892	.0568	.0585	.0592	.0585	.0575	.0575	.0584
50.			.0449	.0494	.0512	.0858	.0471	.0459	.0457	.0458	.0458	.0464	.0466	.0452
65.				.0433	.0444	.0424	.0436	.0441	.0429	.0424	.0415	.0414	.0422	.0414
90.	.0570	.0551	.0436	.0432	.0421	.0412	.0414	.0413	.0421	.1041	.0388	.0394	.0397	.0394
115.				.0444	.0426	.0418	.0401	.0392	.0386	.0389	.0376	.0389	.0404	.0394
130.			.0451	.0443	.0427	.0820	.0430	.0410	.0412	.0399	.0383	.0394	.0408	.0400
145.	.0582	.0563	.0462	.0468	.0479	.0465	.0752	.0416	.0440	.0420	.0398	.0418	.0421	.0428
160.		.0655	.0561	.0610	.0544	.0595	.0527	.0572	.0542	.0572	.0519	.0530	.0537	.0541
170.				.0858	.0897	.0951	.0884	.0943	.0859	.0889	.0879	.0875	.0858	.0850
180.	.1800	.1599	.1444	.1428	.1435	.1543	.1524	.1534	.1536	.1550	.1547	.1500	.1502	.1488
190.				.1742	.1742	.1774	.1844	.1864	.1857	.1855	.1835	.1826	.1818	.1809
200.		.1804	.1792	.1795	.1747	.1805	.1828	.1828	.1835	.1824	.1811	.1793	.1795	.1792
215.	.1777	.1844	.1712	.1753	.1724	.1729	.1927	.1751	.1765	.1758	.1743	.1741	.1731	.1734
230.			.1698	.1740	.1713	.1975	.1739	.1742	.1759	.1749	.1732	.1724	.1717	.1699
245.				.1745	.1722	.1721	.1746	.1784	.1773	.1770	.1758	.1729	.1721	.1704
270.	.1894	.1883	.1698	.1745	.1728	.1723	.1774	.1790	.1804	.2270	.1761	.1757	.1738	.1740
295.				.1782	.1778	.1819	.1859	.1851	.1842	.1837	.1827	.1814	.1828	.1823
310.			.1848	.1907	.1905	.2210	.1946	.1955	.1966	.1958	.1945	.1949	.1945	.1934
325.	.2196	.2230	.2064	.2090	.2148	.2163	.2307	.2162	.2183	.2189	.2180	.2172	.2167	.2167
340.		.2589	.2394	.2488	.2607	.2625	.2638	.2649	.2659	.2625	.2623	.2600	.2615	.2616
350.				.2884	.3050	.3066	.3148	.3133	.3097	.3075	.3063	.3050	.3047	.3035
						FOR ALPHA = -2.50 DEG								
0.	.2861	.2768	.2542	.2547	.2621	.2723	.2721	.2733	.2726	.2736	.2719	.2663	.2669	.2656
10.				.1588	.1654	.1688	.1683	.1661	.1635	.1620	.1625	.1613	.1596	.1593
20.		.1015	.0837	.0911	.0905	.0904	.0917	.0914	.0917	.0905	.0919	.0912	.0927	.0931
35.	.0690	.0640	.0563	.0572	.0597	.0582	.0878	.0546	.0558	.0564	.0561	.0557	.0552	.0555
50.			.0461	.0495	.0489	.0860	.0478	.0460	.0460	.0459	.0456	.0457	.0464	.0453
65.				.0442	.0429	.0442	.0447	.0444	.0439	.0433	.0422	.0419	.0426	.0420
90.	.0587	.0564	.0449	.0445	.0428	.0415	.0418	.0416	.0416	.1045	.0401	.0406	.0408	.0406
115.				.0451	.0430	.0421	.0408	.0404	.0402	.0414	.0402	.0406	.0413	.0400
130.			.0462	.0452	.0446	.0834	.0435	.0421	.0417	.0417	.0398	.0399	.0412	.0404
145.	.0597	.0577	.0485	.0479	.0484	.0483	.0771	.0448	.0450	.0434	.0432	.0439	.0440	.0453
160.		.0714	.0614	.0640	.0605	.0639	.0603	.0608	.0606	.0628	.0568	.0592	.0580	.0590
170.				.0974	.1005	.1065	.1012	.1067	.0977	.0996	.0986	.0982	.0977	.0971
180.	.1967	.1781	.1601	.1602	.1629	.1720	.1707	.1716	.1716	.1732	.1719	.1671	.1673	.1660
190.				.1906	.1941	.1973	.2031	.2038	.2024	.2018	.1995	.1986	.1978	.1967
200.		.1921	.1895	.1852	.1913	.1959	.1937	.1954	.1959	.1943	.1925	.1904	.1908	.1904
215.	.1848	.1905	.1791	.1784	.1804	.1813	.1991	.1816	.1832	.1830	.1813	.1806	.1796	.1800
230.			.1726	.1764	.1697	.2061	.1804	.1800	.1795	.1784	.1769	.1760	.1751	.1735
245.				.1765	.1729	.1755	.1797	.1810	.1798	.1798	.1779	.1750	.1744	.1728
270.	.1906	.1904	.1703	.1763	.1727	.1726	.1792	.1800	.1825	.2289	.1779	.1767	.1747	.1746
295.				.1793	.1749	.1802	.1850	.1846	.1833	.1824	.1820	.1806	.1814	.1806
310.			.1822	.1901	.1875	.2184	.1927	.1924	.1938	.1927	.1918	.1915	.1913	.1903
325.	.2133	.2169	.2033	.2044	.2053	.2122	.2252	.2102	.2117	.2120	.2118	.2111	.2108	.2106
340.		.2469	.2309	.2394	.2477	.2506	.2512	.2520	.2529	.2498	.2498	.2479	.2495	.2501
350.				.2698	.2867	.2872	.2949	.2934	.2898	.2877	.2873	.2871	.2865	.2855

TABLE II. - CONTINUED

(P) MACH = 4.50, BETA = 5.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.50 DEG								
0.	.3348	.3339	.3328	.3385	.3364	.3336	.3366	.3392	.3358	.3337	.3345	.3330	.3310	0.
10.	.2389	.2004	.1990	.1984	.1983	.1989	.2005	.2020	.2012	.2019	.2004	.2017	.2001	10.
20.	.1183	.1159	.1173	.1179	.1176	.1162	.1165	.1164	.1174	.1172	.1181	.1194	.1196	20.
35.	.0653	.0662	.0651	.0646	.1146	.0643	.0646	.0643	.0637	.0632	.0628	.0633	.0613	35.
50.	.0444	.0463	.0467	.0470	.0477	.0455	.0455	.0454	.0452	.0435	.0432	.0424	.0413	50.
65.	.0403	.0403	.0399	.0393	.0382	.0393	.0405	.0396	.1074	.0395	.0375	.0382	.0369	65.
90.	.0370	.0378	.0372	.0370	.0357	.0357	.0360	.0360	.0377	.0345	.0347	.0351	.0363	90.
115.	.0372	.0373	.0373	.0367	.0359	.0357	.0361	.0361	.1064	.0363	.0332	.0347	.0337	115.
130.	.0378	.0381	.0375	.0379	.0396	.0363	.0362	.0361	.0359	.0341	.0339	.0334	.0341	130.
145.	.0407	.0402	.0395	.0395	.0952	.0383	.0380	.0384	.0377	.0363	.0357	.0366	.0348	145.
160.	.0454	.0430	.0434	.0451	.0446	.0439	.0437	.0441	.0437	.0424	.0422	.0435	.0449	160.
170.	.1222	.0653	.0645	.0643	.0635	.0629	.0627	.0630	.0621	.0617	.0610	.0624	.0613	170.
180.	.1184	.1183	.1169	.1192	.1174	.1145	.1143	.1156	.1142	.1115	.1120	.1117	.1118	180.
190.	.2006	.1510	.1500	.1496	.1490	.1481	.1484	.1486	.1471	.1444	.1448	.1462	.1432	190.
200.	.1575	.1551	.1557	.1569	.1561	.1545	.1547	.1539	.1538	.1520	.1516	.1533	.1529	200.
215.	.1570	.1590	.1566	.1565	.2005	.1560	.1564	.1565	.1559	.1539	.1530	.1524	.1484	215.
230.	.1607	.1612	.1589	.1592	.1599	.1584	.1583	.1583	.1575	.1559	.1546	.1528	.1490	230.
245.	.1648	.1644	.1634	.1627	.1620	.1628	.1639	.1620	.2117	.1600	.1586	.1593	.1568	245.
270.	.1716	.1728	.1714	.1708	.1699	.1696	.1701	.1688	.1673	.1662	.1669	.1669	.1662	270.
295.	.1862	.1855	.1850	.1842	.1842	.1848	.1856	.1828	.2301	.1808	.1793	.1799	.1765	295.
310.	.2010	.2017	.2007	.2016	.2019	.2006	.2003	.1997	.1987	.1971	.1958	.1930	.1880	310.
325.	.2305	.2332	.2305	.2303	.2655	.2302	.2299	.2296	.2279	.2280	.2275	.2276	.2228	325.
340.	.2889	.2857	.2881	.2895	.2884	.2868	.2874	.2871	.2884	.2896	.2892	.2921	.2905	340.
350.	.3771	.3437	.3420	.3420	.3427	.3435	.3465	.3485	.3461	.3465	.3445	.3468	.3419	350.
						FOR ALPHA = -3.50 DEG								
0.	.2875	.2876	.2872	.2936	.2922	.2883	.2889	.2904	.2871	.2847	.2860	.2845	.2828	0.
10.	.2116	.1704	.1691	.1692	.1695	.1704	.1709	.1711	.1698	.1698	.1692	.1707	.1687	10.
20.	.1004	.0984	.0994	.1003	.1000	.0995	.0999	.0995	.0996	.0986	.0997	.1007	.1012	20.
35.	.0573	.0590	.0581	.0577	.1091	.0573	.0577	.0576	.0569	.0564	.0560	.0566	.0543	35.
50.	.0442	.0438	.0430	.0439	.0461	.0442	.0444	.0442	.0440	.0423	.0421	.0415	.0405	50.
65.	.0409	.0412	.0409	.0404	.0395	.0400	.0403	.0395	.1081	.0397	.0380	.0392	.0381	65.
90.	.0396	.0404	.0399	.0396	.0382	.0380	.0382	.0382	.0400	.0369	.0371	.0373	.0385	90.
115.	.0400	.0400	.0401	.0391	.0381	.0380	.0385	.0386	.1087	.0396	.0366	.0379	.0367	115.
130.	.0408	.0410	.0402	.0403	.0418	.0387	.0389	.0391	.0389	.0376	.0376	.0373	.0370	130.
145.	.0445	.0444	.0434	.0433	.0990	.0423	.0423	.0426	.0415	.0404	.0402	.0413	.0389	145.
160.	.0562	.0533	.0533	.0545	.0537	.0524	.0526	.0530	.0528	.0521	.0523	.0535	.0544	160.
170.	.1386	.0840	.0829	.0832	.0826	.0820	.0822	.0828	.0817	.0816	.0808	.0824	.0808	170.
180.	.1491	.1494	.1483	.1517	.1501	.1470	.1468	.1482	.1462	.1446	.1447	.1440	.1437	180.
190.	.2271	.1808	.1802	.1802	.1801	.1796	.1801	.1807	.1790	.1779	.1773	.1775	.1743	190.
200.	.1789	.1763	.1773	.1788	.1782	.1771	.1775	.1772	.1774	.1772	.1765	.1775	.1765	200.
215.	.1705	.1721	.1697	.1695	.2125	.1696	.1699	.1698	.1694	.1696	.1687	.1677	.1631	215.
230.	.1698	.1700	.1675	.1676	.1684	.1672	.1672	.1671	.1666	.1663	.1649	.1626	.1585	230.
245.	.1705	.1701	.1691	.1684	.1677	.1687	.1692	.1673	.2176	.1670	.1653	.1654	.1629	245.
270.	.1738	.1751	.1737	.1731	.1721	.1722	.1723	.1711	.1698	.1688	.1690	.1687	.1678	270.
295.	.1834	.1831	.1826	.1821	.1814	.1817	.1821	.1795	.2260	.1767	.1756	.1763	.1733	295.
310.	.1937	.1940	.1921	.1929	.1936	.1927	.1928	.1927	.1920	.1899	.1888	.1862	.1814	310.
325.	.2145	.2184	.2164	.2163	.2530	.2159	.2160	.2158	.2149	.2135	.2135	.2128	.2080	325.
340.	.2616	.2590	.2611	.2627	.2624	.2613	.2622	.2619	.2622	.2613	.2609	.2629	.2615	340.
350.	.3394	.3035	.3025	.3032	.3048	.3050	.3065	.3079	.3051	.3041	.3025	.3038	.2998	350.
						FOR ALPHA = -2.50 DEG								
0.	.2671	.2675	.2672	.2724	.2703	.2658	.2662	.2679	.2650	.2626	.2636	.2630	.2619	0.
10.	.1997	.1569	.1559	.1562	.1562	.1562	.1561	.1567	.1556	.1558	.1549	.1564	.1548	10.
20.	.0928	.0907	.0917	.0930	.0930	.0921	.0921	.0918	.0919	.0910	.0921	.0931	.0931	20.
35.	.0540	.0563	.0557	.0555	.1081	.0553	.0556	.0557	.0549	.0541	.0543	.0543	.0519	35.
50.	.0445	.0443	.0434	.0433	.0456	.0433	.0440	.0446	.0446	.0431	.0432	.0421	.0407	50.
65.	.0417	.0418	.0415	.0413	.0407	.0411	.0413	.0408	.1086	.0411	.0394	.0402	.0388	65.
90.	.0408	.0416	.0410	.0407	.0395	.0394	.0395	.0393	.0411	.0384	.0386	.0387	.0395	90.
115.	.0405	.0404	.0405	.0395	.0385	.0385	.0390	.0391	.1079	.0404	.0373	.0395	.0380	115.
130.	.0413	.0413	.0404	.0406	.0421	.0395	.0396	.0398	.0396	.0391	.0386	.0389	.0384	130.
145.	.0456	.0452	.0441	.0439	.0998	.0435	.0437	.0440	.0430	.0427	.0424	.0442	.0414	145.
160.	.0606	.0586	.0592	.0602	.0593	.0580	.0580	.0582	.0578	.0574	.0580	.0598	.0601	160.
170.	.1468	.0949	.0938	.0935	.0929	.0926	.0929	.0935	.0924	.0927	.0922	.0938	.0924	170.
180.	.1662	.1662	.1649	.1686	.1669	.1641	.1643	.1660	.1638	.1620	.1624	.1616	.1615	180.
190.	.2412	.1965	.1956	.1956	.1956	.1954	.1960	.1969	.1952	.1943	.1940	.1942	.1910	190.
200.	.1898	.1873	.1882	.1896	.1893	.1883	.1885	.1881	.1887	.1888	.1888	.1898	.1890	200.
215.	.1769	.1789	.1764	.1760	.2175	.1760	.1763	.1765	.1759	.1758	.1756	.1748	.1706	215.
230.	.1734	.1738	.1715	.1717	.1720	.1710	.1711	.1713	.1706	.1703	.1692	.1671	.1633	230.
245.	.1729	.1727	.1717	.1713	.1700	.1714	.1721	.1701	.2199	.1690	.1680	.1686	.1658	245.
270.	.1743	.1760	.1747	.1743	.1729	.1730	.1733	.1721	.1706	.1698	.1700	.1699	.1691	270.
295.	.1816	.1820	.1817	.1811	.1801	.1808	.1812	.1785	.2257	.1765	.1749	.1753	.1727	295.
310.	.1909	.1915	.1895	.1898	.1901	.1891	.1893	.1893	.1888	.1875	.1864	.1839	.1790	310.
325.	.2079	.2115	.2095	.2099	.2479	.2101	.2102	.2100	.2091	.2087	.2076	.2067	.2021	325.
340.	.2499	.2476	.2494	.2514	.2515	.2501	.2503	.2494	.2499	.2491	.2487	.2503	.2491	340.
350.	.3229	.2863	.2856	.2863	.2869	.2864	.2879	.2890	.2865	.2852	.2838	.2847	.2811	350.

TABLE II. - CONTINUED

(P) MACH = 4.50, BETA = 5.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -1.50 DEG								
0.	.2661	.2554	.2319	.2336	.2405	.2491	.2495	.2508	.2501	.2514	.2496	.2449	.2456	.2447
10.				.1466	.1499	.1533	.1532	.1511	.1490	.1474	.1476	.1467	.1452	.1454
20.		.0940	.0780	.0831	.0831	.0827	.0842	.0836	.0838	.0830	.0842	.0831	.0843	.0850
35.	.0662	.0618	.0538	.0549	.0578	.0559	.0865	.0525	.0530	.0533	.0526	.0533	.0533	.0530
50.			.0465	.0472	.0454	.0848	.0478	.0452	.0454	.0451	.0444	.0447	.0454	.0445
65.				.0439	.0433	.0450	.0436	.0447	.0435	.0435	.0420	.0419	.0423	.0417
90.	.0596	.0570	.0461	.0450	.0434	.0415	.0410	.0415	.0424	.1050	.0403	.0410	.0415	.0416
115.				.0460	.0441	.0431	.0420	.0427	.0426	.0420	.0404	.0410	.0421	.0412
130.			.0479	.0461	.0472	.0832	.0452	.0436	.0443	.0431	.0415	.0415	.0423	.0415
145.	.0624	.0595	.0509	.0498	.0508	.0505	.0810	.0482	.0474	.0473	.0457	.0464	.0472	.0480
160.		.0781	.0662	.0668	.0679	.0683	.0687	.0661	.0670	.0679	.0642	.0656	.0655	.0655
170.				.1130	.1123	.1187	.1154	.1179	.1118	.1125	.1117	.1111	.1089	.1093
180.	.2145	.1978	.1781	.1768	.1843	.1913	.1911	.1914	.1918	.1924	.1909	.1862	.1865	.1847
190.				.2083	.2137	.2154	.2227	.2231	.2209	.2199	.2176	.2162	.2153	.2143
200.		.2043	.2004	.1974	.2042	.2094	.2077	.2085	.2086	.2072	.2057	.2032	.2030	.2027
215.	.1918	.1972	.1866	.1880	.1862	.1893	.2055	.1896	.1906	.1907	.1889	.1883	.1871	.1870
230.			.1753	.1807	.1806	.2093	.1856	.1842	.1838	.1827	.1812	.1806	.1799	.1780
245.				.1797	.1742	.1784	.1814	.1827	.1821	.1814	.1794	.1773	.1773	.1760
270.	.1918	.1917	.1713	.1776	.1743	.1731	.1778	.1817	.1847	.2297	.1782	.1770	.1751	.1755
295.				.1795	.1731	.1799	.1833	.1832	.1812	.1805	.1800	.1786	.1793	.1790
310.			.1793	.1867	.1850	.2147	.1901	.1890	.1891	.1883	.1872	.1870	.1871	.1867
325.	.2066	.2107	.1983	.1983	.1972	.2057	.2184	.2031	.2044	.2045	.2040	.2039	.2039	.2039
340.		.2351	.2224	.2309	.2335	.2383	.2376	.2384	.2391	.2374	.2364	.2346	.2362	.2373
350.				.2532	.2674	.2669	.2740	.2728	.2696	.2685	.2672	.2673	.2674	.2669
						FOR ALPHA = -.49 DEG								
0.	.2471	.2345	.2124	.2133	.2197	.2266	.2279	.2290	.2292	.2305	.2289	.2247	.2262	.2260
10.				.1344	.1345	.1387	.1369	.1371	.1339	.1347	.1343	.1334	.1325	.1330
20.		.0866	.0725	.0742	.0760	.0754	.0766	.0757	.0758	.0751	.0761	.0767	.0773	.0781
35.	.0639	.0595	.0514	.0518	.0549	.0529	.0845	.0500	.0502	.0504	.0497	.0501	.0510	.0514
50.			.0463	.0452	.0455	.0848	.0459	.0446	.0444	.0441	.0433	.0434	.0440	.0434
65.				.0440	.0427	.0429	.0439	.0432	.0432	.0426	.0419	.0416	.0422	.0417
90.	.0596	.0564	.0460	.0449	.0430	.0411	.0406	.0403	.0407	.1045	.0404	.0411	.0418	.0415
115.				.0454	.0435	.0431	.0435	.0440	.0426	.0426	.0407	.0413	.0426	.0415
130.			.0476	.0458	.0467	.0844	.0457	.0451	.0446	.0440	.0425	.0424	.0434	.0422
145.	.0642	.0603	.0520	.0514	.0557	.0518	.0832	.0499	.0499	.0502	.0484	.0487	.0491	.0496
160.		.0842	.0700	.0708	.0740	.0723	.0744	.0731	.0737	.0724	.0718	.0712	.0722	.0719
170.				.1263	.1249	.1316	.1296	.1292	.1268	.1259	.1246	.1234	.1216	.1214
180.	.2328	.2181	.1963	.1954	.2054	.2114	.2123	.2121	.2125	.2132	.2107	.2058	.2058	.2045
190.				.2227	.2343	.2341	.2420	.2418	.2395	.2385	.2363	.2348	.2338	.2328
200.		.2167	.2103	.2124	.2141	.2213	.2196	.2213	.2218	.2198	.2190	.2162	.2160	.2153
215.	.1989	.2037	.1919	.1969	.1924	.1971	.2117	.1970	.1981	.1980	.1966	.1959	.1949	.1948
230.			.1780	.1845	.1855	.2124	.1894	.1885	.1881	.1866	.1851	.1847	.1844	.1827
245.				.1822	.1755	.1816	.1844	.1847	.1841	.1836	.1818	.1799	.1800	.1788
270.	.1927	.1921	.1708	.1779	.1748	.1743	.1766	.1819	.1844	.2300	.1786	.1778	.1757	.1760
295.				.1773	.1728	.1759	.1819	.1810	.1793	.1793	.1785	.1771	.1777	.1769
310.			.1765	.1815	.1822	.2106	.1872	.1854	.1854	.1842	.1831	.1833	.1835	.1829
325.	.2009	.2047	.1921	.1965	.1924	.1973	.2115	.1959	.1973	.1976	.1971	.1973	.1971	.1976
340.		.2236	.2138	.2182	.2198	.2254	.2247	.2252	.2264	.2248	.2246	.2227	.2237	.2248
350.				.2366	.2471	.2461	.2541	.2534	.2511	.2501	.2489	.2492	.2493	.2499
						FOR ALPHA = .50 DEG								
0.	.2291	.2146	.1928	.1920	.2006	.2071	.2075	.2087	.2094	.2107	.2097	.2062	.2076	.2071
10.				.1203	.1190	.1259	.1212	.1265	.1201	.1222	.1220	.1212	.1202	.1206
20.		.0805	.0678	.0681	.0700	.0692	.0716	.0698	.0688	.0708	.0685	.0703	.0708	.0716
35.	.0623	.0586	.0504	.0512	.0523	.0500	.0832	.0483	.0479	.0486	.0470	.0480	.0491	.0503
50.			.0468	.0451	.0463	.0825	.0443	.0441	.0440	.0436	.0426	.0426	.0432	.0429
65.				.0448	.0429	.0425	.0427	.0435	.0424	.0425	.0414	.0413	.0425	.0422
90.	.0599	.0568	.0462	.0452	.0434	.0411	.0407	.0406	.0414	.1045	.0404	.0412	.0418	.0418
115.				.0452	.0440	.0439	.0441	.0439	.0437	.0431	.0415	.0415	.0425	.0416
130.			.0476	.0470	.0467	.0861	.0471	.0454	.0451	.0448	.0434	.0435	.0445	.0433
145.	.0663	.0619	.0540	.0545	.0575	.0550	.0850	.0518	.0521	.0523	.0507	.0513	.0516	.0512
160.		.0910	.0751	.0773	.0800	.0792	.0802	.0802	.0802	.0788	.0790	.0776	.0784	.0782
170.				.1389	.1396	.1445	.1441	.1422	.1398	.1385	.1379	.1365	.1342	.1336
180.	.2519	.2386	.2154	.2151	.2236	.2325	.2325	.2332	.2328	.2330	.2308	.2261	.2258	.2238
190.				.2409	.2539	.2529	.2612	.2606	.2579	.2563	.2548	.2537	.2528	.2509
200.		.2293	.2201	.2246	.2276	.2326	.2326	.2336	.2345	.2323	.2315	.2284	.2287	.2282
215.	.2059	.2106	.1988	.2000	.1985	.2044	.2187	.2036	.2048	.2047	.2036	.2030	.2020	.2013
230.			.1827	.1866	.1877	.2166	.1928	.1919	.1919	.1907	.1891	.1886	.1883	.1871
245.				.1837	.1786	.1816	.1881	.1866	.1850	.1850	.1842	.1823	.1823	.1812
270.	.1932	.1926	.1713	.1780	.1750	.1740	.1765	.1815	.1843	.2305	.1790	.1781	.1763	.1766
295.				.1761	.1709	.1738	.1776	.1779	.1776	.1779	.1772	.1759	.1763	.1756
310.			.1726	.1789	.1796	.2059	.1826	.1816	.1812	.1805	.1801	.1805	.1804	.1797
325.	.1952	.1988	.1861	.1928	.1853	.1898	.2047	.1893	.1904	.1912	.1908	.1910	.1907	.1917
340.		.2121	.2045	.2060	.2076	.2134	.2124	.2133	.2142	.2130	.2131	.2115	.2125	.2138
350.				.2205	.2275	.2278	.2356	.2355	.2334	.2331	.2320	.2321	.2326	.2332

TABLE II. - CONTINUED

(P) MACH = 4.50, BETA = 5.00 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = -1.50 DEG								
0.	.2469	.2472	.2462	.2501	.2479	.2440	.2444	.2458	.2431	.2410	.2419	.2410	.2408	0.
10.	.1884	.1442	.1431	.1427	.1421	.1423	.1424	.1425	.1412	.1418	.1407	.1417	.1406	10.
20.	.0853	.0837	.0847	.0857	.0855	.0848	.0846	.0838	.0838	.0834	.0836	.0843	.0845	20.
35.	.0510	.0529	.0527	.0530	.1061	.0533	.0535	.0533	.0525	.0517	.0510	.0510	.0487	35.
50.	.0440	.0440	.0434	.0435	.0453	.0428	.0432	.0436	.0438	.0426	.0422	.0411	.0397	50.
65.	.0421	.0423	.0421	.0419	.0414	.0415	.0418	.0411	.1094	.0413	.0391	.0395	.0384	65.
90.	.0420	.0426	.0420	.0417	.0404	.0402	.0403	.0401	.0418	.0390	.0395	.0391	.0399	90.
115.	.0417	.0418	.0419	.0412	.0401	.0400	.0400	.0401	.1088	.0417	.0395	.0404	.0390	115.
130.	.0422	.0425	.0416	.0420	.0429	.0405	.0405	.0406	.0404	.0403	.0406	.0401	.0401	130.
145.	.0481	.0471	.0456	.0454	.1001	.0446	.0449	.0454	.0450	.0453	.0457	.0467	.0441	145.
160.	.0665	.0639	.0649	.0660	.0662	.0650	.0651	.0648	.0648	.0642	.0655	.0667	.0674	160.
170.	.1575	.1073	.1064	.1054	.1052	.1047	.1048	.1052	.1047	.1048	.1051	.1064	.1050	170.
180.	.1850	.1846	.1834	.1867	.1849	.1817	.1825	.1844	.1823	.1802	.1810	.1804	.1794	180.
190.	.2570	.2137	.2123	.2121	.2120	.2118	.2130	.2139	.2125	.2115	.2102	.2110	.2073	190.
200.	.2024	.1996	.2003	.2018	.2012	.1998	.2003	.1999	.2006	.1995	.1997	.2014	.2004	200.
215.	.1840	.1859	.1833	.1829	.2236	.1828	.1830	.1833	.1829	.1815	.1817	.1813	.1767	215.
230.	.1781	.1784	.1760	.1763	.1769	.1756	.1756	.1757	.1753	.1734	.1723	.1703	.1662	230.
245.	.1760	.1758	.1750	.1745	.1734	.1743	.1750	.1726	.2220	.1709	.1696	.1704	.1675	245.
270.	.1753	.1769	.1755	.1750	.1736	.1736	.1739	.1728	.1708	.1698	.1701	.1699	.1693	270.
295.	.1799	.1799	.1797	.1795	.1784	.1791	.1794	.1773	.2244	.1750	.1731	.1739	.1714	295.
310.	.1876	.1882	.1863	.1867	.1872	.1857	.1857	.1856	.1855	.1837	.1826	.1803	.1755	310.
325.	.2010	.2040	.2023	.2027	.2420	.2040	.2041	.2037	.2030	.2018	.2005	.1994	.1948	325.
340.	.2377	.2353	.2372	.2390	.2389	.2375	.2377	.2366	.2375	.2362	.2355	.2367	.2357	340.
350.	.3061	.2682	.2672	.2670	.2676	.2673	.2687	.2695	.2676	.2657	.2642	.2652	.2623	350.
						FOR ALPHA = -.49 DEG								
0.	.2273	.2269	.2253	.2289	.2265	.2229	.2230	.2248	.2221	.2204	.2212	.2213	.2213	0.
10.	.1771	.1311	.1300	.1294	.1286	.1283	.1283	.1288	.1275	.1278	.1267	.1284	.1276	10.
20.	.0787	.0771	.0780	.0788	.0782	.0768	.0766	.0764	.0764	.0754	.0757	.0767	.0774	20.
35.	.0491	.0503	.0500	.0505	.1040	.0506	.0508	.0507	.0498	.0487	.0478	.0481	.0459	35.
50.	.0432	.0434	.0428	.0432	.0451	.0427	.0429	.0432	.0431	.0412	.0407	.0398	.0390	50.
65.	.0418	.0420	.0419	.0418	.0411	.0413	.0415	.0410	.1088	.0408	.0385	.0396	.0383	65.
90.	.0417	.0423	.0419	.0417	.0403	.0401	.0402	.0401	.0417	.0384	.0391	.0392	.0399	90.
115.	.0419	.0418	.0421	.0412	.0401	.0401	.0405	.0403	.1086	.0410	.0386	.0403	.0387	115.
130.	.0426	.0427	.0419	.0422	.0433	.0408	.0408	.0410	.0408	.0397	.0397	.0400	.0395	130.
145.	.0493	.0481	.0469	.0469	.1014	.0467	.0469	.0474	.0465	.0461	.0458	.0477	.0450	145.
160.	.0726	.0706	.0711	.0724	.0715	.0702	.0702	.0706	.0707	.0707	.0709	.0732	.0735	160.
170.	.1676	.1192	.1176	.1179	.1171	.1170	.1173	.1185	.1175	.1182	.1169	.1193	.1172	170.
180.	.2043	.2042	.2024	.2065	.2048	.2013	.2015	.2042	.2019	.1997	.2000	.1992	.1986	180.
190.	.2737	.2313	.2298	.2292	.2293	.2291	.2304	.2317	.2300	.2284	.2283	.2288	.2257	190.
200.	.2151	.2121	.2130	.2141	.2132	.2117	.2122	.2120	.2129	.2125	.2121	.2140	.2134	200.
215.	.1913	.1928	.1903	.1898	.2300	.1897	.1903	.1906	.1903	.1894	.1886	.1880	.1841	215.
230.	.1827	.1830	.1807	.1810	.1815	.1801	.1802	.1801	.1796	.1780	.1765	.1744	.1705	230.
245.	.1792	.1787	.1780	.1775	.1767	.1774	.1781	.1755	.2227	.1734	.1717	.1725	.1704	245.
270.	.1761	.1776	.1761	.1756	.1744	.1741	.1742	.1730	.1709	.1704	.1709	.1708	.1704	270.
295.	.1778	.1781	.1778	.1775	.1768	.1775	.1778	.1755	.2238	.1735	.1724	.1728	.1705	295.
310.	.1841	.1848	.1827	.1833	.1841	.1828	.1826	.1824	.1821	.1804	.1793	.1767	.1725	310.
325.	.1947	.1975	.1957	.1963	.2365	.1975	.1973	.1970	.1962	.1950	.1942	.1930	.1886	325.
340.	.2257	.2239	.2256	.2273	.2265	.2253	.2251	.2244	.2248	.2240	.2229	.2244	.2236	340.
350.	.2905	.2505	.2490	.2488	.2489	.2492	.2501	.2511	.2486	.2473	.2462	.2474	.2452	350.
						FOR ALPHA = .50 DEG								
0.	.2078	.2068	.2049	.2084	.2064	.2031	.2030	.2048	.2026	.2012	.2031	.2029	.2026	0.
10.	.1671	.1190	.1175	.1170	.1163	.1159	.1156	.1162	.1152	.1158	.1156	.1171	.1160	10.
20.	.0719	.0702	.0709	.0724	.0722	.0712	.0709	.0704	.0704	.0697	.0702	.0707	.0713	20.
35.	.0480	.0489	.0481	.0483	.1016	.0482	.0484	.0486	.0481	.0480	.0473	.0473	.0449	35.
50.	.0429	.0433	.0426	.0431	.0455	.0429	.0430	.0431	.0427	.0419	.0412	.0401	.0390	50.
65.	.0421	.0422	.0419	.0420	.0415	.0416	.0417	.0412	.1093	.0420	.0393	.0402	.0388	65.
90.	.0419	.0426	.0420	.0417	.0403	.0401	.0402	.0402	.0409	.0380	.0388	.0385	.0392	90.
115.	.0422	.0424	.0424	.0415	.0401	.0400	.0405	.0405	.1068	.0390	.0373	.0383	.0373	115.
130.	.0436	.0435	.0426	.0426	.0435	.0407	.0408	.0413	.0414	.0382	.0391	.0388	.0389	130.
145.	.0508	.0500	.0492	.0492	.1034	.0486	.0488	.0494	.0487	.0463	.0469	.0483	.0456	145.
160.	.0790	.0769	.0777	.0790	.0784	.0767	.0765	.0768	.0772	.0749	.0757	.0777	.0780	160.
170.	.1789	.1321	.1303	.1298	.1295	.1289	.1292	.1298	.1295	.1282	.1276	.1299	.1277	170.
180.	.2240	.2237	.2221	.2260	.2240	.2204	.2210	.2230	.2213	.2186	.2195	.2185	.2172	180.
190.	.2899	.2490	.2475	.2468	.2466	.2463	.2476	.2492	.2470	.2469	.2465	.2477	.2437	190.
200.	.2275	.2242	.2253	.2263	.2250	.2235	.2240	.2237	.2246	.2247	.2247	.2267	.2258	200.
215.	.1976	.1995	.1972	.1968	.2365	.1971	.1975	.1974	.1970	.1964	.1959	.1952	.1907	215.
230.	.1877	.1877	.1851	.1852	.1857	.1841	.1839	.1836	.1832	.1823	.1811	.1785	.1742	230.
245.	.1817	.1815	.1809	.1802	.1793	.1796	.1800	.1773	.2251	.1758	.1741	.1749	.1723	245.
270.	.1766	.1782	.1766	.1759	.1746	.1743	.1743	.1731	.1711	.1707	.1714	.1712	.1707	270.
295.	.1764	.1767	.1760	.1758	.1747	.1757	.1763	.1739	.2220	.1721	.1710	.1712	.1689	295.
310.	.1801	.1812	.1794	.1802	.1808	.1797	.1795	.1793	.1788	.1772	.1757	.1733	.1690	310.
325.	.1889	.1919	.1901	.1903	.2307	.1905	.1908	.1903	.1897	.1885	.1877	.1864	.1821	325.
340.	.2142	.2123	.2137	.2153	.2148	.2134	.2136	.2126	.2130	.2113	.2109	.2123	.2118	340.
350.	.2750	.2332	.2318	.2315	.2319	.2316	.2325	.2332	.2311	.2287	.2288	.2304	.2279	350.

TABLE II. - CONTINUED

(P) MACH = 4.50, BETA = 5.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 1.51 DEG								
0.	.2109	.1942	.1746	.1733	.1797	.1873	.1872	.1889	.1895	.1917	.1915	.1874	.1884	.1872
10.				.1049	.1064	.1131	.1081	.1123	.1061	.1094	.1083	.1097	.1087	.1084
20.		.0745	.0623	.0644	.0644	.0658	.0662	.0633	.0621	.0636	.0624	.0645	.0642	.0649
35.	.0605	.0572	.0483	.0475	.0492	.0483	.0801	.0452	.0450	.0450	.0441	.0454	.0462	.0479
50.			.0459	.0443	.0453	.0815	.0439	.0409	.0425	.0418	.0407	.0408	.0423	.0420
65.				.0441	.0423	.0417	.0407	.0410	.0413	.0413	.0401	.0399	.0414	.0412
90.	.0592	.0562	.0455	.0446	.0430	.0412	.0411	.0414	.0415	.1041	.0398	.0404	.0411	.0410
115.				.0450	.0440	.0457	.0437	.0448	.0436	.0433	.0408	.0412	.0421	.0410
130.			.0470	.0494	.0467	.0861	.0482	.0457	.0456	.0452	.0437	.0442	.0451	.0439
145.	.0688	.0636	.0559	.0575	.0594	.0575	.0866	.0537	.0542	.0544	.0532	.0539	.0534	.0528
160.		.0978	.0806	.0857	.0869	.0861	.0872	.0877	.0876	.0863	.0862	.0855	.0867	.0865
170.				.1516	.1556	.1590	.1591	.1574	.1546	.1529	.1525	.1509	.1489	.1477
180.	.2723	.2604	.2368	.2364	.2445	.2536	.2539	.2555	.2550	.2554	.2527	.2473	.2474	.2449
190.				.2580	.2732	.2721	.2807	.2799	.2773	.2757	.2737	.2731	.2719	.2698
200.		.2420	.2293	.2377	.2407	.2451	.2454	.2462	.2477	.2449	.2436	.2409	.2417	.2415
215.	.2129	.2178	.2054	.2049	.2048	.2124	.2256	.2100	.2117	.2114	.2103	.2097	.2087	.2082
230.			.1860	.1933	.1912	.2213	.1962	.1955	.1959	.1963	.1931	.1925	.1923	.1912
245.				.1860	.1797	.1860	.1895	.1892	.1875	.1866	.1860	.1839	.1843	.1833
270.	.1926	.1924	.1714	.1774	.1738	.1728	.1773	.1818	.1841	.2298	.1787	.1777	.1758	.1759
295.				.1728	.1688	.1689	.1729	.1754	.1754	.1756	.1749	.1732	.1738	.1729
310.			.1695	.1740	.1721	.2023	.1772	.1765	.1764	.1761	.1761	.1762	.1764	.1754
325.	.1880	.1920	.1803	.1809	.1790	.1800	.1982	.1815	.1831	.1838	.1834	.1836	.1838	.1848
340.		.1995	.1941	.1907	.1947	.2014	.2003	.2004	.2019	.2006	.2008	.1996	.2011	.2018
350.				.2018	.2076	.2089	.2171	.2172	.2159	.2156	.2150	.2151	.2153	.2152
						FOR ALPHA = 2.50 DEG								
0.	.1932	.1747	.1576	.1573	.1602	.1691	.1687	.1708	.1716	.1736	.1736	.1694	.1699	.1683
10.				.0960	.0948	.1002	.0977	.1015	.0937	.0984	.0985	.0980	.0964	.0960
20.		.0677	.0576	.0598	.0589	.0599	.0595	.0564	.0574	.0576	.0562	.0595	.0585	.0606
35.	.0579	.0553	.0458	.0453	.0469	.0471	.0790	.0442	.0434	.0425	.0431	.0436	.0445	.0460
50.			.0443	.0431	.0424	.0813	.0428	.0412	.0413	.0410	.0399	.0399	.0411	.0412
65.				.0431	.0411	.0409	.0398	.0398	.0395	.0401	.0399	.0402	.0412	.0409
90.	.0577	.0555	.0441	.0437	.0421	.0413	.0418	.0416	.0415	.1045	.0397	.0403	.0407	.0406
115.				.0450	.0438	.0447	.0453	.0450	.0443	.0435	.0411	.0412	.0425	.0416
130.			.0467	.0509	.0501	.0869	.0487	.0469	.0466	.0462	.0447	.0453	.0462	.0451
145.	.0708	.0657	.0584	.0592	.0614	.0597	.0890	.0563	.0573	.0578	.0564	.0562	.0555	.0562
160.		.1057	.0870	.0937	.0942	.0937	.0951	.0956	.0954	.0943	.0942	.0940	.0950	.0951
170.				.1647	.1719	.1745	.1741	.1727	.1692	.1677	.1674	.1658	.1633	.1629
180.	.2925	.2832	.2584	.2597	.2668	.2759	.2756	.2780	.2769	.2782	.2754	.2693	.2694	.2672
190.				.2761	.2924	.2924	.3006	.2996	.2968	.2950	.2937	.2928	.2916	.2892
200.		.2551	.2387	.2474	.2562	.2580	.2582	.2588	.2604	.2574	.2566	.2541	.2553	.2547
215.	.2203	.2251	.2104	.2122	.2136	.2179	.2316	.2166	.2182	.2186	.2181	.2169	.2162	.2155
230.			.1895	.1983	.1951	.2251	.1991	.1984	.1999	.1986	.1976	.1970	.1965	.1952
245.				.1862	.1827	.1874	.1913	.1905	.1892	.1883	.1877	.1859	.1862	.1852
270.	.1916	.1914	.1709	.1768	.1727	.1730	.1783	.1800	.1826	.2286	.1785	.1774	.1753	.1754
295.				.1708	.1674	.1689	.1712	.1744	.1729	.1736	.1729	.1710	.1714	.1706
310.			.1673	.1708	.1641	.1991	.1728	.1726	.1726	.1723	.1714	.1718	.1722	.1716
325.	.1810	.1856	.1737	.1721	.1733	.1738	.1920	.1745	.1763	.1769	.1761	.1769	.1771	.1784
340.		.1873	.1844	.1806	.1834	.1892	.1880	.1894	.1908	.1898	.1889	.1885	.1896	.1899
350.				.1858	.1888	.1937	.1994	.2003	.1994	.1998	.1987	.1991	.1984	.1976
						FOR ALPHA = 4.50 DEG								
0.	.1623	.1408	.1284	.1285	.1272	.1340	.1366	.1371	.1385	.1403	.1404	.1364	.1363	.1350
10.				.0739	.0765	.0794	.0771	.0781	.0786	.0777	.0772	.0758	.0744	.0747
20.		.0584	.0497	.0552	.0481	.0535	.0470	.0507	.0487	.0509	.0476	.0495	.0491	.0489
35.	.0555	.0535	.0426	.0440	.0443	.0432	.0757	.0378	.0410	.0416	.0394	.0392	.0402	.0416
50.			.0427	.0419	.0404	.0781	.0405	.0394	.0385	.0384	.0378	.0385	.0398	.0397
65.				.0417	.0402	.0400	.0388	.0382	.0378	.0377	.0368	.0383	.0395	.0392
90.	.0553	.0543	.0425	.0413	.0416	.0404	.0406	.0408	.0402	.1022	.0378	.0381	.0384	.0380
115.				.0435	.0457	.0447	.0441	.0441	.0426	.0424	.0409	.0408	.0421	.0406
130.			.0460	.0511	.0529	.0880	.0488	.0475	.0469	.0470	.0463	.0466	.0470	.0453
145.	.0762	.0718	.0640	.0646	.0654	.0654	.0931	.0624	.0637	.0642	.0622	.0602	.0623	.0640
160.		.1231	.1008	.1117	.1107	.1114	.1123	.1124	.1121	.1100	.1127	.1119	.1126	.1120
170.				.1955	.2048	.2067	.2071	.2036	.2004	.1993	.1988	.1962	.1943	.1930
180.	.3357	.3299	.3061	.3097	.3147	.3236	.3221	.3235	.3236	.3254	.3218	.3147	.3151	.3125
190.				.3180	.3338	.3344	.3417	.3395	.3358	.3352	.3338	.3318	.3304	.3282
200.		.2810	.2613	.2692	.2808	.2844	.2847	.2853	.2862	.2832	.2831	.2805	.2806	.2804
215.	.2341	.2391	.2176	.2267	.2315	.2320	.2449	.2306	.2325	.2329	.2312	.2295	.2294	.2300
230.			.1965	.2000	.2031	.2314	.2060	.2061	.2072	.2064	.2045	.2041	.2033	.2015
245.				.1859	.1886	.1916	.1935	.1937	.1926	.1922	.1907	.1889	.1895	.1883
270.	.1894	.1881	.1708	.1747	.1712	.1724	.1773	.1778	.1807	.2262	.1754	.1748	.1734	.1739
295.				.1655	.1640	.1631	.1645	.1669	.1663	.1676	.1668	.1665	.1672	.1663
310.			.1610	.1626	.1608	.1897	.1608	.1629	.1646	.1648	.1643	.1652	.1652	.1642
325.	.1678	.1744	.1593	.1625	.1596	.1591	.1775	.1623	.1642	.1648	.1639	.1649	.1646	.1657
340.		.1661	.1636	.1665	.1602	.1630	.1652	.1669	.1689	.1688	.1680	.1669	.1674	.1676
350.				.1605	.1552	.1571	.1669	.1684	.1685	.1689	.1672	.1673	.1668	.1664

TABLE II. - CONTINUED

(P) MACH = 4.50, BETA = 5.00 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = 1.51 DEG								
0.	.1874	.1867	.1851	.1884	.1865	.1833	.1833	.1854	.1836	.1829	.1841	.1839	.1833	0.
10.	.1562	.1060	.1046	.1039	.1033	.1033	.1030	.1037	.1028	.1033	.1033	.1047	.1035	10.
20.	.0665	.0645	.0653	.0658	.0653	.0639	.0634	.0634	.0632	.0628	.0633	.0641	.0647	20.
35.	.0466	.0478	.0468	.0468	.1003	.0464	.0467	.0468	.0461	.0458	.0451	.0450	.0425	35.
50.	.0422	.0429	.0424	.0429	.0441	.0423	.0425	.0427	.0423	.0414	.0404	.0394	.0382	50.
65.	.0418	.0420	.0419	.0418	.0411	.0411	.0413	.0408	.1084	.0416	.0392	.0399	.0382	65.
90.	.0414	.0422	.0417	.0414	.0401	.0399	.0399	.0397	.0413	.0388	.0390	.0389	.0397	90.
115.	.0416	.0419	.0422	.0413	.0404	.0406	.0408	.0408	.1077	.0419	.0393	.0399	.0383	115.
130.	.0441	.0438	.0429	.0431	.0441	.0417	.0418	.0421	.0421	.0419	.0418	.0412	.0404	130.
145.	.0533	.0533	.0527	.0524	.1060	.0519	.0518	.0519	.0508	.0509	.0512	.0520	.0493	145.
160.	.0872	.0844	.0850	.0856	.0851	.0836	.0839	.0838	.0839	.0836	.0854	.0865	.0870	160.
170.	.1914	.1452	.1437	.1427	.1424	.1421	.1430	.1435	.1427	.1434	.1438	.1449	.1429	170.
180.	.2452	.2449	.2434	.2473	.2451	.2408	.2418	.2440	.2419	.2403	.2418	.2408	.2393	180.
190.	.3072	.2677	.2659	.2652	.2651	.2642	.2656	.2675	.2655	.2658	.2653	.2669	.2636	190.
200.	.2404	.2370	.2380	.2387	.2377	.2357	.2361	.2359	.2368	.2378	.2375	.2396	.2392	200.
215.	.2048	.2073	.2049	.2044	.2434	.2042	.2045	.2043	.2035	.2041	.2030	.2020	.1980	215.
230.	.1918	.1919	.1894	.1893	.1891	.1878	.1876	.1873	.1866	.1867	.1853	.1828	.1782	230.
245.	.1844	.1841	.1833	.1825	.1808	.1814	.1818	.1791	.2273	.1782	.1767	.1774	.1748	245.
270.	.1761	.1776	.1761	.1754	.1737	.1736	.1737	.1724	.1718	.1709	.1712	.1714	.1705	270.
295.	.1739	.1739	.1735	.1732	.1721	.1728	.1735	.1712	.2211	.1703	.1687	.1696	.1662	295.
310.	.1763	.1771	.1753	.1760	.1763	.1752	.1750	.1747	.1738	.1733	.1716	.1694	.1647	310.
325.	.1826	.1854	.1834	.1836	.2242	.1830	.1829	.1825	.1817	.1818	.1804	.1796	.1749	325.
340.	.2021	.1996	.2007	.2025	.2019	.2006	.2007	.1999	.1998	.1998	.1983	.2004	.1995	340.
350.	.2583	.2151	.2137	.2137	.2135	.2132	.2139	.2149	.2128	.2124	.2121	.2140	.2108	350.
						FOR ALPHA = 2.50 DEG								
0.	.1685	.1681	.1668	.1702	.1683	.1648	.1651	.1674	.1660	.1659	.1669	.1663	.1655	0.
10.	.1454	.0936	.0926	.0921	.0918	.0908	.0912	.0920	.0915	.0924	.0921	.0937	.0924	10.
20.	.0607	.0578	.0582	.0590	.0588	.0570	.0573	.0572	.0572	.0572	.0576	.0585	.0595	20.
35.	.0448	.0458	.0451	.0451	.0989	.0439	.0444	.0441	.0436	.0433	.0428	.0428	.0407	35.
50.	.0411	.0417	.0413	.0418	.0433	.0410	.0415	.0414	.0410	.0404	.0397	.0386	.0377	50.
65.	.0408	.0409	.0407	.0407	.0395	.0400	.0404	.0398	.1086	.0408	.0387	.0392	.0380	65.
90.	.0406	.0415	.0410	.0407	.0391	.0391	.0391	.0388	.0412	.0379	.0389	.0386	.0395	90.
115.	.0415	.0419	.0419	.0412	.0401	.0402	.0400	.0398	.1079	.0408	.0390	.0401	.0387	115.
130.	.0447	.0444	.0435	.0435	.0445	.0428	.0431	.0432	.0429	.0414	.0425	.0420	.0416	130.
145.	.0566	.0571	.0561	.0555	.1081	.0545	.0545	.0544	.0534	.0529	.0537	.0551	.0526	145.
160.	.0948	.0924	.0927	.0937	.0928	.0913	.0913	.0911	.0913	.0910	.0927	.0944	.0952	160.
170.	.2037	.1593	.1570	.1568	.1561	.1555	.1559	.1568	.1561	.1570	.1570	.1588	.1577	170.
180.	.2670	.2662	.2642	.2689	.2664	.2617	.2628	.2651	.2626	.2613	.2625	.2622	.2609	180.
190.	.3244	.2864	.2844	.2837	.2838	.2828	.2842	.2859	.2842	.2841	.2831	.2854	.2815	190.
200.	.2535	.2498	.2506	.2514	.2502	.2481	.2485	.2482	.2492	.2494	.2495	.2519	.2512	200.
215.	.2119	.2149	.2124	.2120	.2498	.2110	.2111	.2108	.2099	.2096	.2089	.2082	.2036	215.
230.	.1954	.1955	.1929	.1928	.1927	.1914	.1915	.1914	.1906	.1893	.1879	.1853	.1807	230.
245.	.1862	.1861	.1856	.1845	.1828	.1833	.1835	.1808	.2275	.1787	.1773	.1780	.1758	245.
270.	.1754	.1772	.1758	.1753	.1735	.1733	.1733	.1721	.1716	.1707	.1712	.1710	.1705	270.
295.	.1712	.1717	.1713	.1711	.1700	.1709	.1713	.1688	.2200	.1689	.1671	.1676	.1647	295.
310.	.1721	.1735	.1718	.1724	.1729	.1715	.1709	.1705	.1698	.1697	.1680	.1658	.1616	310.
325.	.1761	.1792	.1772	.1771	.2193	.1767	.1765	.1760	.1751	.1751	.1742	.1734	.1689	325.
340.	.1901	.1879	.1889	.1906	.1902	.1889	.1891	.1880	.1880	.1882	.1881	.1895	.1889	340.
350.	.2427	.1979	.1970	.1973	.1970	.1965	.1970	.1980	.1964	.1966	.1969	.1981	.1948	350.
						FOR ALPHA = 4.50 DEG								
0.	.1350	.1348	.1336	.1360	.1348	.1323	.1328	.1349	.1336	.1318	.1324	.1317	.1316	0.
10.	.1282	.0736	.0727	.0722	.0720	.0714	.0717	.0724	.0719	.0720	.0721	.0732	.0716	10.
20.	.0498	.0470	.0476	.0489	.0491	.0478	.0479	.0479	.0481	.0473	.0482	.0490	.0496	20.
35.	.0410	.0436	.0427	.0422	.0969	.0410	.0414	.0410	.0403	.0396	.0394	.0394	.0369	35.
50.	.0403	.0410	.0404	.0405	.0421	.0392	.0394	.0392	.0388	.0380	.0373	.0362	.0352	50.
65.	.0393	.0396	.0396	.0397	.0385	.0388	.0392	.0384	.1055	.0387	.0365	.0369	.0354	65.
90.	.0384	.0392	.0390	.0386	.0371	.0370	.0372	.0372	.0386	.0359	.0370	.0368	.0375	90.
115.	.0408	.0404	.0404	.0398	.0386	.0385	.0385	.0388	.1061	.0394	.0376	.0391	.0374	115.
130.	.0445	.0442	.0450	.0464	.0472	.0444	.0440	.0440	.0434	.0416	.0419	.0422	.0416	130.
145.	.0642	.0635	.0620	.0618	.1129	.0603	.0605	.0603	.0592	.0586	.0584	.0605	.0580	145.
160.	.1116	.1091	.1098	.1107	.1096	.1078	.1079	.1075	.1076	.1066	.1076	.1108	.1115	160.
170.	.2302	.1888	.1865	.1859	.1851	.1848	.1848	.1859	.1849	.1854	.1840	.1882	.1862	170.
180.	.3128	.3118	.3094	.3147	.3116	.3068	.3077	.3103	.3077	.3064	.3071	.3071	.3051	180.
190.	.3609	.3254	.3226	.3215	.3217	.3213	.3227	.3242	.3224	.3233	.3215	.3235	.3204	190.
200.	.2792	.2756	.2766	.2769	.2757	.2736	.2737	.2735	.2748	.2754	.2745	.2776	.2769	200.
215.	.2272	.2302	.2269	.2259	.2622	.2248	.2245	.2241	.2231	.2227	.2216	.2212	.2163	215.
230.	.2018	.2022	.2000	.2005	.2007	.1992	.1989	.1984	.1977	.1958	.1943	.1920	.1869	230.
245.	.1891	.1885	.1875	.1865	.1850	.1852	.1856	.1834	.2310	.1815	.1806	.1816	.1787	245.
270.	.1738	.1754	.1740	.1734	.1721	.1719	.1718	.1708	.1697	.1685	.1690	.1689	.1686	270.
295.	.1670	.1675	.1666	.1660	.1651	.1658	.1660	.1640	.2136	.1621	.1602	.1606	.1584	295.
310.	.1646	.1659	.1637	.1640	.1643	.1627	.1621	.1618	.1611	.1593	.1574	.1556	.1519	310.
325.	.1632	.1656	.1634	.1634	.2065	.1630	.1627	.1624	.1617	.1598	.1587	.1579	.1540	325.
340.	.1677	.1656	.1666	.1682	.1676	.1664	.1662	.1653	.1654	.1640	.1636	.1650	.1654	340.
350.	.2141	.1667	.1659	.1659	.1657	.1654	.1661	.1670	.1659	.1639	.1642	.1648	.1620	350.

TABLE II. - CONTINUED

(P) MACH = 4.50, BETA = 5.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 9.50 DEG								
0.	.1033	.0756	.0653	.0712	.0662	.0671	.0696	.0668	.0699	.0672	.0710	.0674	.0680	.0674
10.				.0400	.0462	.0413	.0358	.0393	.0369	.0384	.0366	.0363	.0362	.0363
20.		.0452	.0349	.0334	.0344	.0329	.0328	.0315	.0295	.0283	.0287	.0287	.0300	.0304
35.	.0465	.0463	.0346	.0334	.0320	.0315	.0675	.0290	.0287	.0285	.0280	.0283	.0292	.0305
50.			.0336	.0328	.0316	.0695	.0312	.0294	.0298	.0292	.0288	.0292	.0302	.0299
65.				.0322	.0323	.0329	.0309	.0303	.0296	.0301	.0285	.0287	.0293	.0292
90.	.0487	.0477	.0336	.0337	.0348	.0331	.0336	.0326	.0313	.0957	.0300	.0305	.0309	.0303
115.				.0475	.0451	.0426	.0410	.0400	.0392	.0398	.0388	.0377	.0384	.0362
130.			.0410	.0552	.0564	.0909	.0530	.0524	.0535	.0535	.0515	.0507	.0535	.0535
145.	.0937	.0925	.0760	.0865	.0851	.0843	.1118	.0847	.0846	.0836	.0844	.0869	.0875	.0869
160.		.1745	.1521	.1569	.1576	.1612	.1609	.1610	.1606	.1616	.1640	.1618	.1618	.1612
170.				.2875	.2949	.2984	.2984	.2921	.2888	.2859	.2857	.2830	.2794	.2777
180.	.4579	.4609	.3975	.4430	.4460	.4556	.4525	.4550	.4527	.4541	.4506	.4431	.4437	.4404
190.				.4398	.4477	.4477	.4527	.4506	.4448	.4426	.4410	.4390	.4377	.4352
200.		.3527	.3396	.3388	.3522	.3560	.3564	.3542	.3580	.3537	.3549	.3505	.3509	.3514
215.	.2708	.2775	.2581	.2548	.2663	.2678	.2799	.2669	.2675	.2674	.2696	.2685	.2678	.2667
230.			.1970	.2225	.2236	.2459	.2212	.2218	.2241	.2228	.2210	.2214	.2221	.2213
245.				.1943	.1948	.1958	.1984	.1990	.1978	.1981	.1977	.1952	.1948	.1935
270.	.1853	.1831	.1614	.1709	.1670	.1672	.1697	.1708	.1724	.2199	.1691	.1690	.1676	.1679
295.				.1486	.1477	.1517	.1497	.1497	.1519	.1511	.1497	.1484	.1494	.1489
310.			.1423	.1378	.1368	.1701	.1385	.1393	.1400	.1394	.1386	.1382	.1392	.1388
325.	.1321	.1363	.1268	.1256	.1272	.1274	.1453	.1283	.1281	.1273	.1278	.1286	.1286	.1297
340.		.1174	.1132	.1128	.1127	.1117	.1092	.1123	.1152	.1143	.1129	.1130	.1143	.1145
350.				.0989	.0947	.0949	.0944	.0919	.1015	.0989	.0949	.0962	.0981	.0979
						FOR ALPHA = 14.50 DEG								
0.	.0642	.0355	.0263	.0274	.0249	.0289	.0236	.0243	.0247	.0231	.0303	.0237	.0236	.0237
10.				.0203	.0191	.0196	.0174	.0160	.0169	.0168	.0158	.0154	.0160	.0164
20.		.0317	.0218	.0207	.0194	.0184	.0165	.0165	.0178	.0182	.0171	.0171	.0181	.0182
35.	.0297	.0297	.0204	.0190	.0182	.0185	.0574	.0169	.0162	.0154	.0154	.0162	.0165	.0174
50.			.0181	.0179	.0197	.0570	.0180	.0156	.0139	.0144	.0129	.0136	.0142	.0142
65.				.0214	.0190	.0201	.0175	.0174	.0150	.0156	.0142	.0141	.0145	.0139
90.	.0419	.0420	.0255	.0258	.0257	.0256	.0233	.0235	.0227	.0880	.0209	.0203	.0196	.0213
115.				.0470	.0469	.0461	.0435	.0438	.0443	.0424	.0386	.0427	.0451	.0442
130.			.0504	.0751	.0691	.1021	.0660	.0677	.0654	.0657	.0672	.0686	.0688	.0675
145.	.1182	.1191	.1057	.1135	.1119	.1112	.1364	.1081	.1115	.1134	.1133	.1137	.1146	.1141
160.		.2350	.2138	.2130	.2142	.2147	.2131	.2126	.2163	.2151	.2180	.2160	.2159	.2157
170.				.3924	.3947	.3974	.3931	.3891	.3842	.3811	.3807	.3781	.3737	.3726
180.	.5925	.6052	.5433	.5938	.5867	.5943	.5927	.5970	.5948	.5972	.5869	.5784	.5789	.5771
190.				.5633	.5630	.5646	.5708	.5659	.5609	.5590	.5532	.5507	.5480	.5456
200.		.4286	.4020	.4222	.4299	.4289	.4293	.4284	.4318	.4280	.4303	.4254	.4248	.4245
215.	.3081	.3187	.3005	.2992	.3072	.3081	.3181	.3035	.3086	.3079	.3090	.3081	.3082	.3053
230.			.2019	.2399	.2448	.2659	.2422	.2424	.2415	.2438	.2446	.2435	.2424	.2399
245.				.2059	.2061	.2059	.2059	.2081	.2078	.2052	.2057	.2062	.2067	.2038
270.	.1810	.1793	.1609	.1608	.1643	.1621	.1629	.1641	.1654	.2141	.1626	.1610	.1593	.1614
295.				.1258	.1318	.1330	.1332	.1322	.1316	.1334	.1307	.1306	.1305	.1296
310.			.1191	.1169	.1114	.1434	.1110	.1130	.1129	.1130	.1110	.1119	.1127	.1114
325.	.0980	.0967	.0900	.0881	.0920	.0947	.1157	.0908	.0930	.0931	.0918	.0918	.0910	.0918
340.		.0700	.0621	.0700	.0614	.0680	.0667	.0648	.0664	.0661	.0633	.0646	.0659	.0659
350.				.0445	.0450	.0418	.0390	.0441	.0433	.0439	.0406	.0409	.0428	.0425
						FOR ALPHA = 19.51 DEG								
0.	.0469	.0193	.0104	.0086	.0063	.0070	.0043	.0043	.0035	.0021	.0085	.0042	.0043	.0042
10.				.0090	.0083	.0077	.0053	.0048	.0048	.0055	.0048	.0046	.0049	.0054
20.		.0183	.0097	.0077	.0073	.0072	.0055	.0054	.0037	.0034	.0038	.0046	.0053	.0056
35.	.0145	.0136	.0069	.0055	.0053	.0045	.0471	.0008	-.0004	-.0014	-.0019	-.0023	-.0027	-.0027
50.			.0106	.0053	.0045	.0444	.0015	-.0014	-.0014	-.0022	-.0039	-.0044	-.0056	-.0050
65.				.0094	.0112	.0085	.0054	.0058	.0059	.0037	.0013	.0020	.0038	.0041
90.	.0416	.0421	.0300	.0280	.0295	.0244	.0236	.0238	.0230	.0857	.0227	.0232	.0244	.0243
115.				.0611	.0564	.0538	.0532	.0532	.0495	.0529	.0540	.0533	.0541	.0528
130.			.0606	.0878	.0857	.1171	.0843	.0801	.0852	.0858	.0857	.0856	.0855	.0847
145.	.1481	.1522	.1364	.1389	.1408	.1425	.1605	.1405	.1431	.1428	.1431	.1431	.1446	.1445
160.		.3019	.2773	.2748	.2741	.2724	.2732	.2714	.2747	.2726	.2775	.2748	.2754	.2762
170.				.5059	.5041	.5053	.5021	.4950	.4877	.4841	.4841	.4808	.4770	.4766
180.	.7421	.7620	.6753	.7534	.7388	.7471	.7471	.7488	.7467	.7497	.7347	.7277	.7310	.7283
190.				.6871	.6868	.6880	.6942	.6883	.6828	.6809	.6709	.6689	.6676	.6659
200.		.5062	.4674	.4965	.5014	.5022	.5032	.5029	.5056	.5024	.5028	.4978	.4987	.4984
215.	.3465	.3601	.3386	.3393	.3468	.3461	.3558	.3433	.3465	.3462	.3465	.3454	.3479	.3453
230.			.2113	.2628	.2632	.2851	.2580	.2623	.2637	.2626	.2626	.2625	.2613	.2589
245.				.2127	.2155	.2144	.2166	.2131	.2166	.2161	.2151	.2125	.2135	.2121
270.	.1824	.1798	.1652	.1585	.1610	.1596	.1601	.1611	.1601	.2075	.1602	.1600	.1586	.1588
295.				.1214	.1235	.1217	.1197	.1202	.1199	.1198	.1153	.1154	.1178	.1196
310.			.1274	.0890	.0932	.1315	.0939	.0910	.0911	.0920	.0888	.0890	.0888	.0883
325.	.0730	.0696	.0630	.0664	.0596	.0664	.0912	.0624	.0609	.0616	.0588	.0598	.0597	.0607
340.		.0334	.0244	.0289	.0304	.0290	.0265	.0255	.0256	.0265	.0231	.0232	.0248	.0250
350.				.0089	.0074	.0061	.0045	.0018	.0015	.0006	.0009	.0010	.0014	.0007

TABLE II. - CONCLUDED

(P) MACH = 4.50, BETA = 5.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 9.50 DEG								
0.	.0673	.0672	.0670	.0692	.0681	.0657	.0658	.0666	.0661	.0647	.0645	.0649	.0656	0.
10.	.0960	.0348	.0347	.0350	.0351	.0345	.0349	.0353	.0347	.0345	.0338	.0356	.0339	10.
20.	.0329	.0301	.0309	.0322	.0321	.0310	.0309	.0306	.0305	.0295	.0294	.0301	.0303	20.
35.	.0294	.0305	.0297	.0301	.0866	.0292	.0295	.0295	.0290	.0281	.0277	.0281	.0259	35.
50.	.0298	.0300	.0294	.0293	.0309	.0279	.0281	.0280	.0277	.0270	.0265	.0261	.0257	50.
65.	.0292	.0293	.0293	.0291	.0283	.0285	.0287	.0283	.0987	.0289	.0263	.0270	.0259	65.
90.	.0299	.0302	.0302	.0303	.0291	.0295	.0298	.0297	.0322	.0289	.0290	.0287	.0299	90.
115.	.0389	.0399	.0402	.0390	.0373	.0370	.0369	.0366	.1042	.0383	.0356	.0365	.0351	115.
130.	.0538	.0529	.0519	.0524	.0524	.0502	.0499	.0501	.0498	.0493	.0493	.0484	.0478	130.
145.	.0859	.0862	.0846	.0843	.1314	.0834	.0831	.0828	.0818	.0818	.0817	.0824	.0799	145.
160.	.1605	.1585	.1594	.1597	.1583	.1560	.1560	.1550	.1556	.1558	.1572	.1594	.1598	160.
170.	.3064	.2725	.2688	.2674	.2666	.2663	.2663	.2667	.2662	.2683	.2669	.2697	.2681	170.
180.	.4409	.4391	.4365	.4417	.4372	.4317	.4339	.4352	.4321	.4309	.4322	.4317	.4292	180.
190.	.4599	.4324	.4285	.4263	.4267	.4265	.4284	.4299	.4275	.4294	.4269	.4294	.4259	190.
200.	.3505	.3465	.3482	.3476	.3458	.3429	.3435	.3426	.3442	.3450	.3449	.3480	.3470	200.
215.	.2631	.2667	.2627	.2618	.2945	.2611	.2606	.2594	.2581	.2587	.2582	.2573	.2526	215.
230.	.2207	.2200	.2172	.2176	.2172	.2159	.2160	.2154	.2148	.2139	.2126	.2098	.2049	230.
245.	.1951	.1955	.1943	.1933	.1920	.1925	.1929	.1904	.2368	.1892	.1880	.1889	.1863	245.
270.	.1676	.1686	.1666	.1659	.1650	.1656	.1665	.1660	.1659	.1640	.1645	.1643	.1637	270.
295.	.1498	.1499	.1492	.1486	.1478	.1478	.1486	.1473	.2006	.1458	.1444	.1445	.1418	295.
310.	.1392	.1402	.1386	.1388	.1394	.1369	.1364	.1364	.1356	.1349	.1344	.1326	.1295	310.
325.	.1275	.1288	.1269	.1270	.1739	.1254	.1257	.1261	.1257	.1246	.1243	.1247	.1215	325.
340.	.1152	.1125	.1131	.1146	.1139	.1124	.1126	.1126	.1127	.1119	.1117	.1136	.1138	340.
350.	.1530	.0981	.0979	.0984	.0980	.0969	.0968	.0975	.0967	.0951	.0956	.0969	.0944	350.
						FOR ALPHA = 14.50 DEG								
0.	.0248	.0247	.0243	.0250	.0234	.0218	.0227	.0229	.0234	.0205	.0209	.0225	.0241	0.
10.	.0808	.0165	.0165	.0170	.0170	.0161	.0159	.0162	.0159	.0143	.0143	.0166	.0148	10.
20.	.0204	.0172	.0173	.0176	.0175	.0161	.0161	.0162	.0163	.0148	.0152	.0170	.0175	20.
35.	.0165	.0169	.0157	.0158	.0748	.0144	.0147	.0151	.0149	.0135	.0137	.0152	.0136	35.
50.	.0139	.0147	.0144	.0145	.0168	.0132	.0134	.0137	.0136	.0123	.0119	.0123	.0125	50.
65.	.0134	.0143	.0153	.0158	.0146	.0139	.0138	.0133	.0853	.0141	.0118	.0128	.0120	65.
90.	.0229	.0235	.0230	.0223	.0206	.0202	.0199	.0199	.0226	.0197	.0196	.0198	.0209	90.
115.	.0437	.0434	.0432	.0420	.0408	.0413	.0413	.0409	.1068	.0430	.0400	.0409	.0393	115.
130.	.0670	.0668	.0660	.0666	.0668	.0649	.0647	.0645	.0640	.0641	.0635	.0626	.0615	130.
145.	.1122	.1137	.1119	.1118	.1556	.1114	.1110	.1105	.1090	.1097	.1090	.1091	.1064	145.
160.	.2143	.2126	.2143	.2150	.2130	.2104	.2101	.2087	.2094	.2092	.2107	.2130	.2130	160.
170.	.3927	.3661	.3615	.3608	.3589	.3579	.3574	.3582	.3571	.3578	.3574	.3601	.3587	170.
180.	.5787	.5772	.5743	.5805	.5741	.5714	.5745	.5745	.5708	.5692	.5711	.5711	.5672	180.
190.	.5663	.5446	.5395	.5378	.5383	.5415	.5434	.5456	.5434	.5455	.5413	.5458	.5417	190.
200.	.4243	.4207	.4230	.4228	.4209	.4183	.4191	.4186	.4208	.4210	.4208	.4254	.4235	200.
215.	.3011	.3057	.3011	.3010	.3312	.3017	.3007	.2999	.2982	.2980	.2975	.2970	.2920	215.
230.	.2394	.2385	.2360	.2371	.2369	.2362	.2365	.2359	.2352	.2327	.2322	.2295	.2244	230.
245.	.2038	.2026	.2013	.2003	.1998	.2008	.2014	.1987	.2430	.1966	.1957	.1970	.1951	245.
270.	.1624	.1633	.1611	.1602	.1591	.1588	.1594	.1586	.1572	.1559	.1562	.1563	.1560	270.
295.	.1291	.1290	.1293	.1302	.1298	.1303	.1314	.1308	.1852	.1286	.1262	.1262	.1232	295.
310.	.1118	.1122	.1108	.1112	.1121	.1093	.1105	.1115	.1110	.1092	.1083	.1071	.1046	310.
325.	.0906	.0911	.0895	.0904	.1423	.0897	.0904	.0909	.0901	.0871	.0875	.0881	.0853	325.
340.	.0671	.0642	.0644	.0658	.0653	.0637	.0645	.0650	.0651	.0626	.0631	.0651	.0656	340.
350.	.1045	.0422	.0419	.0424	.0417	.0408	.0413	.0417	.0419	.0387	.0398	.0424	.0401	350.
						FOR ALPHA = 19.51 DEG								
0.	.0034	.0029	.0030	.0036	.0022	.0013	.0020	.0021	.0026	.0016	.0013	.0027	.0037	0.
10.	.0714	.0051	.0046	.0049	.0045	.0036	.0034	.0038	.0042	.0035	.0040	.0054	.0037	10.
20.	.0078	.0044	.0046	.0053	.0051	.0042	.0045	.0050	.0053	.0048	.0048	.0060	.0061	20.
35.	-.0030	-.0025	-.0021	-.0018	.0603	-.0017	-.0020	-.0017	-.0009	-.0017	-.0018	-.0011	-.0024	35.
50.	-.0044	-.0034	-.0043	-.0039	-.0017	-.0047	-.0054	-.0056	-.0060	-.0062	-.0064	-.0066	-.0063	50.
65.	.0038	.0037	.0040	.0027	.0032	.0017	.0024	.0022	.0766	.0047	.0012	.0017	.0005	65.
90.	.0223	.0239	.0223	.0227	.0214	.0217	.0216	.0212	.0234	.0209	.0212	.0210	.0225	90.
115.	.0524	.0526	.0530	.0522	.0508	.0511	.0514	.0508	.1130	.0505	.0484	.0496	.0485	115.
130.	.0846	.0846	.0842	.0849	.0843	.0827	.0822	.0821	.0812	.0796	.0797	.0785	.0771	130.
145.	.1432	.1453	.1434	.1431	.1831	.1428	.1421	.1413	.1394	.1390	.1377	.1375	.1346	145.
160.	.2754	.2734	.2758	.2761	.2733	.2708	.2700	.2675	.2673	.2662	.2668	.2687	.2687	160.
170.	.4893	.4701	.4650	.4632	.4614	.4600	.4590	.4586	.4564	.4572	.4533	.4552	.4542	170.
180.	.7283	.7298	.7268	.7339	.7262	.7248	.7273	.7239	.7195	.7184	.7192	.7166	.7130	180.
190.	.6794	.6615	.6564	.6561	.6577	.6636	.6645	.6659	.6621	.6657	.6607	.6646	.6600	190.
200.	.4978	.4939	.4969	.4975	.4951	.4958	.4966	.4950	.4961	.4979	.4977	.5018	.4987	200.
215.	.3411	.3469	.3420	.3417	.3679	.3428	.3419	.3413	.3397	.3414	.3392	.3374	.3309	215.
230.	.2600	.2592	.2566	.2578	.2569	.2568	.2571	.2569	.2567	.2562	.2545	.2508	.2449	230.
245.	.2128	.2118	.2108	.2095	.2087	.2101	.2112	.2087	.2531	.2083	.2067	.2073	.2049	245.
270.	.1588	.1599	.1586	.1579	.1565	.1561	.1565	.1560	.1564	.1544	.1542	.1542	.1538	270.
295.	.1201	.1199	.1189	.1182	.1173	.1169	.1176	.1169	.1754	.1163	.1137	.1136	.1110	295.
310.	.0909	.0937	.0922	.0925	.0940	.0902	.0896	.0892	.0884	.0882	.0871	.0856	.0846	310.
325.	.0606	.0587	.0575	.0609	.1178	.0613	.0612	.0612	.0603	.0591	.0585	.0588	.0564	325.
340.	.0278	.0242	.0238	.0249	.0239	.0225	.0221	.0223	.0241	.0257	.0258	.0270	.0271	340.
350.	.0703	.0015	.0012	.0020	.0011	.0005	.0003	.0003	.0002	-.0012	-.0010	-.0002	-.0028	350.

TABLE III. - FOREBODY 3, AXIS RATIO 3/1 ELLIPTIC CONE

(A) MACH = 1.70, BETA = -.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.65 DEG								
0.														
10.														
20.														
30.														
40.														
60.														
90.	.1335	.1222		.1149	.1125	.1091	.1137	.1150	.1584	.1173	.1162	.1260	.1229	.1177
120.			.0967	.1155	.1093	.1074	.1105	.1126	.1137	.1121	.1223	.1201	.1136	.1206
140.	.1266	.1276	.1075	.1130	.1095	.1085	.1134	.1147	.1160	.1141	.1200	.1141	.1210	.1236
150.				.1106	.1096	.1073	.1142	.1158	.1159	.1138	.1143	.1142	.1264	.1215
160.		.1288	.1182	.1100	.1115	.1088	.1183	.1198	.1178	.1152	.1132	.1191	.1251	.1266
170.			.1224	.1181	.1169	.1120	.1247	.1256	.1263	.1253	.1221	.1238	.1310	.1303
180.	.1637	.1540	.1585	.1497	.1508	.1513	.1526	.1536	.1584	.1596	.1558	.1575	.1585	.1654
						FOR ALPHA = -2.64 DEG								
0.	.2775	.2717	.2769	.2711	.2686	.2705	.2700	.2731	.2751	.2747	.2676	.2705	.2742	.2833
10.			.1624	.1614	.1610	.1565	.1707	.1686	.1727	.1787	.1700	.1675	.1759	.1777
20.		.1488	.1353	.1294	.1323	.1328	.1402	.1414	.1453	.1423	.1359	.1381	.1461	.1499
30.				.1237	.1246	.1251	.1344	.1339	.1371	.1364	.1319	.1302	.1426	.1401
40.	.1391	.1346	.1301	.1213	.1229	.1261	.1296	.1299	.1372	.1331	.1346	.1292	.1368	.1413
60.			.1203	.1205	.1210	.1219	.1257	.1244	.1305	.1272	.1339	.1301	.1281	.1345
90.	.1358	.1279		.1192	.1179	.1175	.1217	.1221	.2282	.1257	.1216	.1304	.1278	.1235
120.			.1017	.1174	.1131	.1124	.1144	.1167	.1172	.1148	.1236	.1219	.1171	.1252
140.	.1277	.1271	.1202	.1153	.1144	.1136	.1179	.1188	.1194	.1176	.1222	.1180	.1257	.1284
150.				.1144	.1154	.1131	.1199	.1189	.1183	.1197	.1177	.1176	.1314	.1269
160.		.1316	.1163	.1139	.1169	.1158	.1253	.1257	.1227	.1208	.1172	.1234	.1332	.1337
170.			.1269	.1267	.1260	.1239	.1370	.1340	.1332	.1348	.1316	.1323	.1417	.1405
180.	.1864	.1768	.1842	.1749	.1748	.1781	.1795	.1786	.1812	.1809	.1811	.1821	.1826	.1892
						FOR ALPHA = -1.65 DEG								
0.	.2593	.2548	.2631	.2519	.2530	.2529	.2543	.2546	.2588	.2570	.2509	.2554	.2586	.2668
10.			.1595	.1580	.1531	.1508	.1663	.1635	.1678	.1713	.1632	.1607	.1713	.1742
20.		.1476	.1331	.1291	.1305	.1308	.1398	.1412	.1434	.1403	.1354	.1350	.1472	.1494
30.				.1251	.1248	.1238	.1344	.1330	.1352	.1358	.1312	.1289	.1443	.1398
40.	.1401	.1365	.1317	.1228	.1243	.1274	.1300	.1301	.1363	.1322	.1336	.1288	.1366	.1409
60.			.1184	.1238	.1215	.1235	.1256	.1259	.1310	.1258	.1333	.1296	.1257	.1353
90.	.1369	.1286		.1217	.1197	.1183	.1224	.1232	.2269	.1264	.1228	.1311	.1282	.1242
120.			.1065	.1203	.1161	.1122	.1171	.1184	.1180	.1170	.1250	.1236	.1201	.1273
140.	.1281	.1271	.1231	.1166	.1165	.1151	.1201	.1217	.1206	.1192	.1244	.1196	.1290	.1319
150.				.1154	.1169	.1165	.1221	.1217	.1213	.1222	.1195	.1203	.1344	.1301
160.		.1324	.1154	.1174	.1186	.1194	.1289	.1288	.1267	.1250	.1203	.1257	.1363	.1385
170.			.1314	.1321	.1307	.1298	.1411	.1404	.1398	.1407	.1362	.1367	.1463	.1473
180.	.1984	.1890	.1977	.1892	.1895	.1926	.1932	.1934	.1950	.1929	.1949	.1951	.1965	.2039
						FOR ALPHA = -.64 DEG								
0.	.2454	.2395	.2473	.2387	.2347	.2372	.2383	.2393	.2411	.2397	.2359	.2411	.2433	.2506
10.			.1551	.1528	.1505	.1456	.1623	.1601	.1630	.1644	.1594	.1576	.1652	.1692
20.		.1470	.1317	.1297	.1288	.1293	.1387	.1407	.1413	.1367	.1354	.1353	.1444	.1504
30.				.1256	.1244	.1240	.1330	.1318	.1360	.1341	.1310	.1293	.1446	.1399
40.	.1409	.1361	.1323	.1239	.1244	.1268	.1297	.1296	.1342	.1314	.1329	.1274	.1363	.1394
60.			.1183	.1252	.1224	.1227	.1251	.1259	.1303	.1274	.1323	.1287	.1263	.1344
90.	.1383	.1284		.1234	.1203	.1197	.1226	.1243	.2260	.1268	.1230	.1319	.1283	.1252
120.			.1043	.1209	.1173	.1140	.1176	.1199	.1192	.1167	.1257	.1244	.1216	.1282
140.	.1301	.1262	.1209	.1178	.1182	.1167	.1225	.1237	.1220	.1202	.1259	.1215	.1311	.1327
150.				.1173	.1189	.1171	.1246	.1233	.1227	.1231	.1213	.1216	.1375	.1320
160.		.1336	.1153	.1203	.1216	.1209	.1316	.1313	.1295	.1261	.1241	.1258	.1396	.1418
170.			.1349	.1362	.1355	.1333	.1468	.1443	.1460	.1467	.1408	.1413	.1524	.1531
180.	.2131	.2030	.2130	.2029	.2028	.2072	.2074	.2083	.2108	.2065	.2085	.2097	.2111	.2187
						FOR ALPHA = .35 DEG								
0.	.2250	.2199	.2283	.2193	.2178	.2209	.2212	.2216	.2235	.2241	.2195	.2224	.2241	.2355
10.			.1490	.1473	.1447	.1412	.1553	.1530	.1536	.1562	.1521	.1508	.1589	.1640
20.		.1425	.1261	.1269	.1279	.1265	.1359	.1372	.1368	.1328	.1311	.1321	.1416	.1472
30.				.1219	.1227	.1195	.1290	.1286	.1312	.1309	.1267	.1256	.1403	.1363
40.	.1374	.1347	.1282	.1210	.1230	.1230	.1259	.1278	.1304	.1282	.1296	.1229	.1327	.1370
60.			.1144	.1231	.1205	.1192	.1222	.1227	.1277	.1237	.1277	.1244	.1231	.1318
90.	.1380	.1265		.1223	.1202	.1180	.1214	.1231	.2243	.1251	.1204	.1301	.1272	.1242
120.			.1051	.1201	.1181	.1161	.1180	.1199	.1201	.1176	.1257	.1259	.1231	.1298
140.	.1325	.1277	.1208	.1179	.1201	.1189	.1219	.1245	.1234	.1212	.1276	.1228	.1326	.1346
150.				.1170	.1206	.1188	.1249	.1265	.1240	.1247	.1238	.1227	.1392	.1340
160.		.1365	.1172	.1209	.1235	.1238	.1334	.1342	.1319	.1281	.1258	.1282	.1418	.1432
170.			.1391	.1411	.1402	.1388	.1518	.1486	.1506	.1526	.1449	.1440	.1570	.1588
180.	.2294	.2193	.2293	.2198	.2188	.2219	.2230	.2232	.2252	.2212	.2229	.2244	.2242	.2332
						FOR ALPHA = 1.35 DEG								
0.	.2105	.2069	.2144	.2042	.2022	.2042	.2057	.2048	.2077	.2090	.2069	.2094	.2131	.2206
10.			.1441	.1427	.1394	.1349	.1505	.1469	.1479	.1534	.1482	.1466	.1559	.1587
20.		.1427	.1242	.1251	.1265	.1243	.1347	.1334	.1329	.1312	.1304	.1331	.1398	.1454
30.				.1218	.1225	.1201	.1280	.1275	.1285	.1275	.1269	.1256	.1384	.1362
40.	.1382	.1375	.1297	.1213	.1213	.1222	.1257	.1264	.1283	.1259	.1310	.1224	.1315	.1364
60.			.1153	.1237	.1199	.1187	.1209	.1225	.1256	.1232	.1292	.1256	.1229	.1309
90.	.1382	.1292		.1210	.1197	.1170	.1204	.1223	.2241	.1242	.1201	.1298	.1266	.1241
120.			.1132	.1175	.1184	.1138	.1167	.1204	.1186	.1173	.1256	.1255	.1225	.1287
140.	.1319	.1267	.1231	.1162	.1195	.1172	.1212	.1251	.1238	.1214	.1263	.1232	.1336	.1343
150.				.1172	.1190	.1194	.1252	.1277	.1245	.1236	.1233	.1232	.1398	.1341
160.		.1366	.1202	.1206	.1236	.1254	.1325	.1356	.1335	.1278	.1264	.1297	.1427	.1459
170.			.1404	.1449	.1436	.1411	.1538	.1526	.1547	.1561	.1500	.1495	.1601	.1622
180.	.2461	.2343	.2461	.2336	.2329	.2360	.2373	.2378	.2404	.2373	.2382	.2391	.2375	.2464

TABLE III. - CONTINUED

(A) MACH = 1.70, BETA = -.02 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = -4.65 DEG								
0.														0.
10.														10.
20.														20.
30.														30.
40.														40.
60.														60.
90.	.1169	.1136	.1161	.1171	.1034	.1119	.1113	.1051	.1027	.1025	.1145	.1210	.1211	90.
120.	.1182	.1107	.1153	.1153	.1090	.1114	.1114	.1071	.1015	.1037	.1162	.1138	.1178	120.
140.	.1161	.1112	.1148	.1184	.1135	.1156	.1136	.1100	.1067	.1016	.0983	.1103	.1141	140.
150.	.1134	.1124	.1173	.1186	.1131	.1178	.1157	.1092	.1055	.1024	.0983	.1035	.1129	150.
160.	.1170	.1178	.1178	.1195	.1203	.1231	.1196	.1137	.1043	.1034	.1032	.1108	.1091	160.
170.	.1310	.1288	.1239	.1186	.1395	.1204	.1238	.1238	.1121	.1141	.1154	.1179	.1192	170.
180.	.1649	.1629	.1648	.1638	.1576	.1540	.1577	.1566	.1527	.1462	.1476	.1533	.1459	180.
						FOR ALPHA = -2.64 DEG								
0.	.2828	.2817	.2822	.2790	.2813	.2791	.2810	.2822	.2806	.2758	.2713	.2788	.2691	0.
10.	.1803	.1791	.1768	.1708	.1870	.1708	.1744	.1754	.1642	.1597	.1694	.1741	.1782	10.
20.	.1457	.1479	.1454	.1451	.1453	.1458	.1455	.1441	.1355	.1403	.1379	.1471	.1437	20.
30.	.1324	.1349	.1352	.1340	.1321	.1413	.1402	.1373	.1334	.1278	.1218	.1263	.1348	30.
40.	.1346	.1287	.1309	.1354	.1317	.1359	.1348	.1326	.1296	.1226	.1162	.1277	.1352	40.
60.	.1314	.1229	.1264	.1272	.1255	.1268	.1231	.1223	.1168	.1166	.1290	.1304	.1361	60.
90.	.1233	.1194	.1214	.1222	.1085	.1158	.1149	.1130	.1103	.1096	.1233	.1294	.1295	90.
120.	.1220	.1138	.1163	.1150	.1101	.1126	.1160	.1105	.1037	.1068	.1198	.1167	.1214	120.
140.	.1200	.1135	.1159	.1195	.1156	.1183	.1199	.1161	.1098	.1063	.1008	.1135	.1213	140.
150.	.1187	.1155	.1203	.1213	.1165	.1213	.1216	.1170	.1094	.1082	.1030	.1086	.1182	150.
160.	.1226	.1220	.1229	.1253	.1258	.1279	.1247	.1240	.1125	.1112	.1098	.1175	.1141	160.
170.	.1404	.1371	.1332	.1303	.1488	.1313	.1365	.1368	.1250	.1246	.1272	.1284	.1265	170.
180.	.1897	.1883	.1883	.1841	.1883	.1841	.1849	.1831	.1819	.1758	.1716	.1780	.1729	180.
						FOR ALPHA = -1.65 DEG								
0.	.2695	.2652	.2663	.2649	.2642	.2638	.2640	.2646	.2633	.2578	.2539	.2612	.2538	0.
10.	.1763	.1747	.1699	.1652	.1810	.1657	.1695	.1692	.1575	.1560	.1626	.1704	.1702	10.
20.	.1453	.1458	.1452	.1433	.1432	.1452	.1446	.1409	.1329	.1378	.1355	.1451	.1410	20.
30.	.1322	.1332	.1363	.1365	.1335	.1400	.1380	.1352	.1307	.1267	.1212	.1251	.1335	30.
40.	.1353	.1276	.1329	.1351	.1320	.1349	.1347	.1314	.1287	.1218	.1156	.1261	.1348	40.
60.	.1323	.1234	.1279	.1279	.1253	.1266	.1243	.1236	.1178	.1176	.1292	.1292	.1343	60.
90.	.1245	.1199	.1230	.1240	.1103	.1164	.1170	.1140	.1105	.1102	.1242	.1282	.1287	90.
120.	.1234	.1160	.1187	.1167	.1112	.1124	.1157	.1127	.1044	.1070	.1210	.1171	.1224	120.
140.	.1227	.1161	.1188	.1211	.1147	.1192	.1218	.1190	.1122	.1075	.1024	.1148	.1232	140.
150.	.1212	.1181	.1216	.1221	.1169	.1226	.1245	.1201	.1119	.1103	.1048	.1106	.1213	150.
160.	.1255	.1252	.1245	.1264	.1290	.1304	.1276	.1278	.1163	.1138	.1133	.1209	.1175	160.
170.	.1456	.1420	.1388	.1344	.1544	.1371	.1414	.1454	.1338	.1296	.1330	.1350	.1322	170.
180.	.2030	.2010	.2026	.1979	.1995	.2013	.2017	.2005	.1964	.1919	.1859	.1905	.1874	180.
						FOR ALPHA = -.64 DEG								
0.	.2522	.2482	.2499	.2464	.2469	.2461	.2475	.2501	.2464	.2407	.2377	.2424	.2358	0.
10.	.1717	.1687	.1645	.1580	.1745	.1599	.1636	.1634	.1502	.1514	.1586	.1633	.1653	10.
20.	.1431	.1438	.1419	.1404	.1433	.1439	.1425	.1386	.1295	.1336	.1330	.1428	.1386	20.
30.	.1327	.1335	.1358	.1363	.1318	.1382	.1355	.1314	.1283	.1248	.1197	.1235	.1318	30.
40.	.1351	.1275	.1306	.1360	.1305	.1338	.1322	.1295	.1295	.1201	.1144	.1275	.1337	40.
60.	.1330	.1246	.1287	.1283	.1264	.1267	.1239	.1242	.1181	.1173	.1301	.1270	.1333	60.
90.	.1244	.1203	.1233	.1237	.1117	.1168	.1171	.1151	.1109	.1102	.1242	.1287	.1290	90.
120.	.1239	.1163	.1197	.1177	.1112	.1126	.1159	.1136	.1065	.1081	.1228	.1190	.1233	120.
140.	.1255	.1169	.1208	.1223	.1158	.1192	.1229	.1224	.1132	.1089	.1044	.1163	.1247	140.
150.	.1225	.1207	.1246	.1228	.1182	.1238	.1274	.1230	.1142	.1121	.1073	.1120	.1225	150.
160.	.1297	.1285	.1271	.1291	.1304	.1324	.1300	.1305	.1206	.1179	.1162	.1240	.1215	160.
170.	.1530	.1481	.1440	.1400	.1595	.1432	.1450	.1507	.1400	.1371	.1370	.1414	.1391	170.
180.	.2178	.2139	.2170	.2124	.2142	.2168	.2189	.2161	.2137	.2080	.2025	.2057	.2019	180.
						FOR ALPHA = .35 DEG								
0.	.2347	.2299	.2342	.2303	.2298	.2265	.2295	.2306	.2268	.2218	.2188	.2258	.2204	0.
10.	.1635	.1605	.1600	.1535	.1690	.1525	.1550	.1545	.1436	.1440	.1513	.1563	.1571	10.
20.	.1381	.1396	.1367	.1381	.1375	.1405	.1375	.1335	.1253	.1259	.1266	.1360	.1329	20.
30.	.1283	.1289	.1322	.1326	.1263	.1332	.1316	.1266	.1232	.1198	.1145	.1187	.1284	30.
40.	.1302	.1232	.1274	.1320	.1256	.1297	.1268	.1259	.1240	.1151	.1102	.1227	.1306	40.
60.	.1289	.1221	.1248	.1251	.1211	.1222	.1207	.1205	.1136	.1130	.1277	.1248	.1296	60.
90.	.1236	.1188	.1219	.1231	.1092	.1157	.1156	.1130	.1088	.1089	.1219	.1271	.1255	90.
120.	.1254	.1162	.1202	.1189	.1115	.1115	.1156	.1145	.1067	.1078	.1216	.1199	.1242	120.
140.	.1260	.1184	.1221	.1233	.1171	.1196	.1227	.1235	.1147	.1094	.1052	.1169	.1259	140.
150.	.1236	.1215	.1266	.1244	.1187	.1240	.1267	.1256	.1159	.1133	.1084	.1134	.1238	150.
160.	.1335	.1323	.1290	.1304	.1316	.1331	.1325	.1334	.1238	.1212	.1192	.1265	.1247	160.
170.	.1584	.1535	.1475	.1443	.1640	.1490	.1493	.1553	.1476	.1414	.1429	.1461	.1447	170.
180.	.2329	.2283	.2309	.2277	.2291	.2287	.2369	.2323	.2290	.2244	.2186	.2222	.2165	180.
						FOR ALPHA = 1.35 DEG								
0.	.2192	.2174	.2178	.2146	.2140	.2118	.2150	.2142	.2125	.2075	.2034	.2115	.2064	0.
10.	.1575	.1563	.1548	.1473	.1645	.1487	.1480	.1482	.1372	.1408	.1484	.1493	.1508	10.
20.	.1356	.1371	.1357	.1359	.1366	.1404	.1340	.1293	.1226	.1238	.1236	.1312	.1291	20.
30.	.1275	.1271	.1304	.1296	.1257	.1322	.1287	.1232	.1218	.1190	.1118	.1166	.1276	30.
40.	.1289	.1229	.1252	.1292	.1253	.1280	.1255	.1235	.1233	.1154	.1101	.1215	.1283	40.
60.	.1284	.1212	.1234	.1254	.1203	.1211	.1200	.1186	.1135	.1140	.1270	.1239	.1284	60.
90.	.1237	.1179	.1211	.1223	.1089	.1159	.1144	.1122	.1081	.1086	.1221	.1259	.1252	90.
120.	.1247	.1154	.1197	.1183	.1123	.1118	.1142	.1131	.1051	.1067	.1216	.1199	.1243	120.
140.	.1262	.1186	.1216	.1245	.1158	.1185	.1224	.1219	.1147	.1102	.1057	.1173	.1254	140.
150.	.1246	.1230	.1266	.1244	.1178	.1231	.1266	.1270	.1166	.1133	.1089	.1144	.1235	150.
160.	.1340	.1333	.1316	.1297	.1316	.1338	.1342	.1348	.1250	.1229	.1209	.1293	.1267	160.
170.	.1610	.1583	.1525	.1482	.1677	.1524	.1531	.1585	.1521	.1445	.1473	.1496	.1511	170.
180.	.2467	.2426	.2441	.2413	.2423	.2432	.2501	.2491	.2441	.2392	.2326	.2356	.2309	180.

TABLE III. - CONTINUED

(A) MACH = 1.70, BETA = -.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.36 DEG								
0.	.2014	.1927	.1998	.1887	.1884	.1902	.1906	.1916	.1978	.1957	.1926	.1974	.1997	.2055
10.			.1414	.1381	.1358	.1302	.1449	.1424	.1464	.1493	.1446	.1437	.1519	.1530
20.		.1401	.1250	.1231	.1233	.1208	.1313	.1323	.1315	.1303	.1282	.1300	.1379	.1422
30.				.1218	.1206	.1174	.1259	.1252	.1257	.1262	.1252	.1236	.1380	.1334
40.	.1375	.1367	.1259	.1201	.1202	.1219	.1239	.1256	.1254	.1243	.1292	.1220	.1306	.1342
60.			.1118	.1232	.1192	.1179	.1210	.1227	.1221	.1220	.1281	.1242	.1211	.1296
90.	.1386	.1300		.1213	.1188	.1167	.1203	.1224	.2277	.1247	.1192	.1291	.1257	.1233
120.			.1197	.1186	.1176	.1139	.1172	.1205	.1188	.1173	.1255	.1257	.1238	.1303
140.	.1341	.1273	.1237	.1173	.1197	.1189	.1220	.1258	.1244	.1224	.1267	.1238	.1344	.1357
150.				.1181	.1192	.1193	.1257	.1280	.1262	.1252	.1254	.1255	.1420	.1356
160.		.1395	.1215	.1218	.1242	.1269	.1328	.1351	.1355	.1293	.1295	.1324	.1451	.1465
170.			.1452	.1490	.1498	.1470	.1593	.1585	.1605	.1616	.1568	.1559	.1664	.1673
180.	.2646	.2516	.2644	.2501	.2491	.2533	.2529	.2550	.2577	.2543	.2551	.2566	.2565	.2634
						FOR ALPHA = 3.35 DEG								
0.	.1878	.1793	.1855	.1749	.1711	.1737	.1774	.1789	.1868	.1832	.1817	.1855	.1850	.1920
10.			.1348	.1319	.1300	.1254	.1395	.1398	.1414	.1427	.1403	.1398	.1468	.1459
20.		.1379	.1245	.1197	.1208	.1178	.1276	.1295	.1279	.1284	.1258	.1277	.1355	.1367
30.				.1187	.1183	.1156	.1223	.1230	.1233	.1259	.1246	.1214	.1347	.1300
40.	.1353	.1359	.1212	.1197	.1184	.1194	.1215	.1224	.1217	.1234	.1290	.1200	.1282	.1325
60.			.1101	.1219	.1166	.1163	.1178	.1202	.1197	.1208	.1278	.1232	.1192	.1289
90.	.1379	.1299		.1189	.1168	.1160	.1193	.1223	.2313	.1232	.1194	.1275	.1241	.1221
120.			.1138	.1174	.1164	.1138	.1173	.1200	.1187	.1181	.1262	.1246	.1223	.1306
140.	.1343	.1294	.1253	.1174	.1183	.1168	.1227	.1255	.1246	.1221	.1272	.1258	.1331	.1356
150.				.1177	.1193	.1196	.1267	.1280	.1253	.1261	.1257	.1273	.1411	.1358
160.		.1419	.1256	.1227	.1252	.1252	.1340	.1373	.1356	.1306	.1306	.1336	.1471	.1464
170.			.1506	.1535	.1524	.1501	.1635	.1638	.1641	.1671	.1640	.1617	.1727	.1731
180.	.2822	.2701	.2835	.2685	.2652	.2692	.2701	.2712	.2759	.2731	.2725	.2745	.2739	.2799
						FOR ALPHA = 5.35 DEG								
0.	.1590	.1515	.1663	.1456	.1457	.1468	.1555	.1604	.1628	.1606	.1585	.1608	.1610	.1639
10.			.1254	.1209	.1174	.1147	.1309	.1329	.1328	.1334	.1331	.1287	.1340	.1340
20.		.1331	.1221	.1157	.1136	.1103	.1235	.1261	.1240	.1249	.1222	.1230	.1265	.1311
30.				.1157	.1126	.1074	.1209	.1204	.1199	.1249	.1218	.1176	.1287	.1268
40.	.1294	.1332	.1046	.1200	.1126	.1127	.1188	.1197	.1203	.1230	.1269	.1170	.1240	.1309
60.			.0971	.1218	.1124	.1106	.1149	.1161	.1170	.1200	.1279	.1216	.1148	.1285
90.	.1343	.1274		.1161	.1146	.1121	.1173	.1190	.2385	.1224	.1187	.1260	.1228	.1219
120.			.1188	.1141	.1149	.1123	.1182	.1183	.1177	.1172	.1268	.1236	.1226	.1315
140.	.1350	.1295	.1261	.1143	.1157	.1165	.1238	.1256	.1241	.1243	.1286	.1273	.1324	.1354
150.				.1155	.1171	.1188	.1281	.1284	.1259	.1298	.1279	.1284	.1405	.1355
160.		.1472	.1313	.1257	.1240	.1253	.1354	.1396	.1365	.1351	.1352	.1394	.1497	.1484
170.			.1625	.1643	.1628	.1612	.1740	.1755	.1772	.1817	.1775	.1777	.1860	.1851
180.	.3208	.3099	.3242	.3054	.3015	.3058	.3039	.3074	.3142	.3120	.3095	.3134	.3130	.3188
						FOR ALPHA = 10.36 DEG								
0.	.1074	.1031	.0961	.0986	.1025	.1036	.1118	.1116	.1140	.1081	.1059	.1085	.1085	.1139
10.			.1088	.1000	.0979	.0939	.1083	.1103	.1061	.1062	.1027	.1021	.1064	.1076
20.		.1146	.0895	.1008	.0993	.0949	.1084	.1110	.1055	.1063	.1024	.1043	.1083	.1116
30.				.1027	.0992	.0948	.1073	.1091	.1070	.1084	.1071	.1008	.1142	.1140
40.	.1072	.1061	.0752	.1040	.0984	.1024	.1097	.1088	.1072	.1089	.1134	.1030	.1098	.1197
60.			.0839	.1024	.0989	.1006	.1078	.1087	.1073	.1100	.1184	.1147	.1065	.1188
90.	.1186	.1066		.1012	.1035	.1017	.1091	.1124	.2682	.1133	.1098	.1167	.1163	.1136
120.			.1117	.1022	.1060	.1032	.1117	.1156	.1175	.1142	.1172	.1126	.1148	.1203
140.	.1278	.1147	.1135	.1046	.1078	.1092	.1179	.1230	.1223	.1223	.1182	.1149	.1202	.1222
150.				.1111	.1118	.1101	.1237	.1275	.1270	.1315	.1266	.1214	.1327	.1304
160.		.1493	.1368	.1284	.1270	.1247	.1373	.1476	.1506	.1472	.1438	.1431	.1540	.1551
170.			.1920	.1925	.1974	.1914	.2071	.2095	.2162	.2251	.2183	.2129	.2168	.2230
180.	.4256	.4208	.4331	.4112	.4080	.4135	.4116	.4146	.4225	.4212	.4192	.4208	.4177	.4254
						FOR ALPHA = 15.35 DEG								
0.	.0856	.0901	.0690	.0688	.0712	.0727	.0765	.0751	.0787	.0753	.0737	.0719	.0748	.0798
10.			.0779	.0748	.0718	.0693	.0789	.0799	.0781	.0761	.0696	.0739	.0792	.0784
20.		.0920	.0696	.0774	.0776	.0734	.0805	.0836	.0814	.0795	.0702	.0754	.0822	.0846
30.				.0794	.0804	.0763	.0817	.0828	.0853	.0831	.0779	.0723	.0888	.0891
40.	.0907	.0860	.0602	.0800	.0803	.0809	.0848	.0863	.0882	.0872	.0865	.0777	.0840	.0922
60.			.0816	.0784	.0821	.0819	.0865	.0895	.0897	.0906	.0951	.0951	.0879	.0925
90.	.1013	.0925		.0850	.0900	.0888	.0928	.0943	.3130	.0931	.0895	.0979	.1011	.0976
120.			.1035	.0951	.0947	.0975	.1028	.1025	.1028	.1029	.1097	.1063	.1068	.1091
140.	.1159	.1053	.1039	.1007	.0996	.1026	.1100	.1105	.1137	.1131	.1149	.1122	.1160	.1112
150.				.1115	.1087	.1097	.1212	.1214	.1184	.1260	.1266	.1231	.1349	.1268
160.		.1625	.1536	.1360	.1387	.1399	.1490	.1529	.1571	.1536	.1522	.1561	.1724	.1659
170.			.2428	.2464	.2414	.2416	.2584	.2549	.2599	.2713	.2667	.2626	.2674	.2718
180.	.5459	.5488	.5635	.5410	.5375	.5435	.5394	.5419	.5474	.5423	.5417	.5444	.5431	.5492
						FOR ALPHA = 20.35 DEG								
0.	.0572	.0655	.0470	.0486	.0469	.0478	.0554	.0561	.0560	.0542	.0525	.0543	.0537	.0567
10.			.0456	.0426	.0418	.0390	.0506	.0524	.0497	.0485	.0451	.0451	.0476	.0506
20.		.0585	.0353	.0395	.0434	.0400	.0510	.0532	.0515	.0507	.0438	.0440	.0486	.0498
30.				.0391	.0432	.0436	.0540	.0546	.0563	.0569	.0525	.0419	.0546	.0546
40.	.0531	.0531	.0434	.0422	.0425	.0501	.0597	.0604	.0587	.0621	.0633	.0494	.0534	.0597
60.			.0538	.0477	.0467	.0500	.0579	.0623	.0669	.0666	.0749	.0744	.0660	.0697
90.	.0736	.0659		.0601	.0600	.0625	.0674	.0665	.3691	.0657	.0631	.0680	.0728	.0754
120.			.0802	.0724	.0765	.0766	.0826	.0809	.0831	.0817	.0846	.0821	.0857	.0916
140.	.1060	.0895	.0826	.0860	.0867	.0904	.0975	.0964	.0951	.0964	.0917	.0918	.0997	.0993
150.				.1001	.1019	.1034	.1130	.1124	.1084	.1136	.1144	.1149	.1251	.1231
160.		.1876	.1666	.1520	.1478	.1523	.1613	.1653	.1655	.1635	.1642	.1617	.1799	.1813
170.			.3014	.2998	.2988	.2978	.3159	.3103	.3161	.3268	.3204	.3204	.3219	.3301
180.	.6926	.6990	.7050	.6747	.6835	.6832	.6727	.6761	.6821	.6765	.6730	.6740	.6722	.6783

TABLE III. - CONTINUED

(A) MACH = 1.70, BETA = -.01 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.36 DEG								
0.	.2053	.2030	.2042	.2006	.2004	.1970	.2007	.1992	.1975	.1916	.1903	.1972	.1937	0.
10.	.1529	.1520	.1488	.1409	.1584	.1420	.1433	.1425	.1320	.1378	.1417	.1447	.1437	10.
20.	.1320	.1356	.1337	.1309	.1346	.1364	.1285	.1250	.1198	.1202	.1201	.1292	.1260	20.
30.	.1271	.1263	.1280	.1278	.1254	.1297	.1255	.1197	.1191	.1165	.1105	.1166	.1264	30.
40.	.1279	.1206	.1248	.1271	.1248	.1272	.1233	.1204	.1208	.1132	.1076	.1200	.1265	40.
60.	.1280	.1203	.1245	.1243	.1205	.1208	.1181	.1181	.1123	.1137	.1267	.1218	.1262	60.
90.	.1233	.1178	.1215	.1222	.1093	.1152	.1143	.1116	.1078	.1087	.1223	.1248	.1246	90.
120.	.1259	.1159	.1198	.1185	.1127	.1118	.1147	.1126	.1055	.1065	.1220	.1210	.1253	120.
140.	.1283	.1196	.1224	.1249	.1170	.1181	.1231	.1228	.1153	.1105	.1064	.1191	.1269	140.
150.	.1252	.1241	.1279	.1246	.1200	.1236	.1267	.1280	.1184	.1153	.1105	.1166	.1248	150.
160.	.1372	.1345	.1339	.1323	.1319	.1326	.1345	.1377	.1277	.1274	.1253	.1335	.1305	160.
170.	.1681	.1635	.1586	.1536	.1717	.1575	.1575	.1627	.1575	.1515	.1516	.1545	.1574	170.
180.	.2650	.2593	.2599	.2590	.2599	.2595	.2657	.2673	.2613	.2565	.2492	.2519	.2468	180.
						FOR ALPHA = 3.35 DEG								
0.	.1913	.1895	.1906	.1857	.1858	.1832	.1860	.1839	.1814	.1766	.1763	.1837	.1789	0.
10.	.1478	.1472	.1411	.1336	.1531	.1363	.1354	.1343	.1283	.1337	.1357	.1389	.1363	10.
20.	.1295	.1324	.1285	.1279	.1328	.1317	.1234	.1206	.1198	.1180	.1163	.1253	.1222	20.
30.	.1258	.1234	.1264	.1256	.1238	.1262	.1191	.1170	.1170	.1138	.1077	.1141	.1246	30.
40.	.1271	.1190	.1227	.1242	.1235	.1235	.1177	.1191	.1185	.1113	.1059	.1181	.1258	40.
60.	.1277	.1191	.1231	.1214	.1197	.1177	.1160	.1173	.1106	.1130	.1239	.1191	.1249	60.
90.	.1237	.1170	.1201	.1217	.1089	.1144	.1133	.1101	.1077	.1082	.1202	.1246	.1245	90.
120.	.1255	.1157	.1181	.1181	.1130	.1119	.1154	.1116	.1034	.1068	.1211	.1211	.1251	120.
140.	.1292	.1193	.1227	.1246	.1175	.1192	.1234	.1236	.1166	.1114	.1062	.1184	.1267	140.
150.	.1259	.1245	.1281	.1248	.1193	.1255	.1279	.1297	.1200	.1163	.1124	.1166	.1255	150.
160.	.1387	.1373	.1353	.1339	.1342	.1329	.1348	.1382	.1301	.1290	.1279	.1349	.1329	160.
170.	.1722	.1696	.1644	.1594	.1756	.1629	.1641	.1669	.1626	.1557	.1561	.1606	.1635	170.
180.	.2816	.2766	.2771	.2746	.2773	.2774	.2811	.2845	.2805	.2750	.2672	.2694	.2644	180.
						FOR ALPHA = 5.35 DEG								
0.	.1642	.1642	.1640	.1600	.1601	.1567	.1587	.1561	.1524	.1507	.1522	.1583	.1527	0.
10.	.1384	.1346	.1297	.1222	.1435	.1211	.1210	.1240	.1214	.1234	.1245	.1266	.1265	10.
20.	.1249	.1247	.1217	.1237	.1235	.1206	.1132	.1176	.1144	.1103	.1092	.1194	.1162	20.
30.	.1222	.1181	.1213	.1234	.1163	.1144	.1123	.1152	.1118	.1081	.1047	.1106	.1216	30.
40.	.1238	.1156	.1183	.1234	.1176	.1141	.1120	.1162	.1130	.1077	.1030	.1145	.1219	40.
60.	.1259	.1163	.1189	.1213	.1144	.1103	.1138	.1137	.1074	.1095	.1210	.1161	.1224	60.
90.	.1213	.1152	.1183	.1216	.1073	.1111	.1110	.1071	.1058	.1066	.1178	.1225	.1232	90.
120.	.1233	.1135	.1175	.1168	.1127	.1144	.1131	.1073	.1033	.1073	.1204	.1200	.1261	120.
140.	.1288	.1194	.1223	.1248	.1195	.1218	.1257	.1229	.1162	.1117	.1078	.1191	.1282	140.
150.	.1240	.1247	.1273	.1235	.1188	.1277	.1327	.1302	.1215	.1180	.1148	.1186	.1271	150.
160.	.1419	.1424	.1386	.1366	.1371	.1354	.1394	.1396	.1328	.1330	.1329	.1429	.1399	160.
170.	.1837	.1830	.1798	.1720	.1882	.1736	.1759	.1798	.1743	.1658	.1674	.1721	.1765	170.
180.	.3193	.3139	.3159	.3130	.3149	.3152	.3214	.3241	.3195	.3111	.3033	.3084	.3042	180.
						FOR ALPHA = 10.36 DEG								
0.	.1144	.1124	.1093	.1044	.1040	.1012	.1046	.1033	.1046	.1030	.1034	.1068	.1016	0.
10.	.1091	.1034	.0963	.0936	.1113	.0927	.0974	.0958	.0918	.0977	.0997	.1014	.1053	10.
20.	.1012	.0983	.0961	.1008	.1013	.0998	.0991	.0982	.0923	.0901	.0912	.0990	.1045	20.
30.	.1037	.0961	.0969	.0999	.0959	.0991	.0971	.0989	.0951	.0906	.0885	.0936	.1109	30.
40.	.1103	.0956	.0955	.1013	.0956	.0986	.0981	.0997	.0975	.0927	.0889	.1004	.1169	40.
60.	.1155	.1002	.1017	.1035	.0949	.0949	.0976	.0986	.0944	.0995	.1107	.1065	.1182	60.
90.	.1119	.1076	.1084	.1101	.0936	.0980	.0984	.0968	.0961	.0963	.1090	.1141	.1188	90.
120.	.1203	.1108	.1145	.1157	.1059	.1047	.1028	.1028	.0986	.0990	.1115	.1144	.1224	120.
140.	.1195	.1145	.1211	.1257	.1155	.1132	.1213	.1217	.1172	.1130	.1041	.1148	.1220	140.
150.	.1198	.1196	.1231	.1228	.1172	.1270	.1276	.1283	.1246	.1223	.1188	.1196	.1251	150.
160.	.1518	.1503	.1466	.1463	.1472	.1422	.1388	.1414	.1393	.1431	.1436	.1506	.1468	160.
170.	.2231	.2206	.2129	.2087	.2258	.2113	.2089	.2114	.2028	.1989	.2029	.2088	.2128	170.
180.	.4264	.4205	.4205	.4200	.4215	.4319	.4310	.4243	.4198	.4149	.4132	.4192	.4116	180.
						FOR ALPHA = 15.35 DEG								
0.	.0807	.0791	.0794	.0743	.0741	.0685	.0710	.0736	.0788	.0739	.0666	.0671	.0639	0.
10.	.0788	.0773	.0754	.0702	.0846	.0669	.0735	.0801	.0726	.0703	.0722	.0755	.0808	10.
20.	.0738	.0735	.0762	.0779	.0784	.0763	.0792	.0880	.0785	.0691	.0688	.0811	.0795	20.
30.	.0769	.0737	.0745	.0773	.0729	.0735	.0778	.0888	.0824	.0759	.0717	.0756	.0843	30.
40.	.0860	.0763	.0754	.0787	.0739	.0740	.0791	.0893	.0874	.0770	.0726	.0844	.0870	40.
60.	.0896	.0818	.0871	.0840	.0734	.0750	.0777	.0901	.0886	.0826	.0917	.0866	.0910	60.
90.	.0909	.0865	.0900	.0922	.0776	.0820	.0833	.0889	.0887	.0823	.0885	.0927	.0961	90.
120.	.1046	.0943	.0977	.0993	.0968	.0964	.0935	.0919	.0864	.0852	.0997	.0992	.1061	120.
140.	.1101	.1036	.1067	.1096	.1100	.1085	.1133	.1143	.1134	.1115	.1053	.1118	.1133	140.
150.	.1125	.1116	.1134	.1131	.1087	.1196	.1232	.1271	.1237	.1241	.1215	.1248	.1253	150.
160.	.1597	.1623	.1587	.1573	.1564	.1549	.1540	.1518	.1431	.1484	.1503	.1636	.1653	160.
170.	.2661	.2629	.2572	.2562	.2703	.2597	.2556	.2585	.2525	.2473	.2528	.2593	.2638	170.
180.	.5471	.5404	.5460	.5430	.5424	.5449	.5459	.5473	.5442	.5408	.5361	.5414	.5354	180.
						FOR ALPHA = 20.35 DEG								
0.	.0572	.0610	.0573	.0488	.0509	.0443	.0461	.0456	.0456	.0445	.0438	.0486	.0459	0.
10.	.0533	.0570	.0449	.0396	.0543	.0383	.0398	.0377	.0374	.0401	.0409	.0434	.0443	10.
20.	.0470	.0550	.0463	.0451	.0434	.0429	.0463	.0441	.0414	.0362	.0315	.0465	.0429	20.
30.	.0507	.0574	.0472	.0423	.0381	.0428	.0440	.0464	.0430	.0417	.0373	.0440	.0476	30.
40.	.0613	.0626	.0538	.0496	.0428	.0453	.0467	.0496	.0470	.0422	.0391	.0516	.0565	40.
60.	.0710	.0694	.0695	.0616	.0501	.0547	.0534	.0558	.0502	.0538	.0648	.0561	.0624	60.
90.	.0736	.0716	.0757	.0743	.0611	.0627	.0633	.0627	.0596	.0585	.0669	.0719	.0745	90.
120.	.0867	.0792	.0840	.0839	.0892	.0824	.0725	.0690	.0627	.0623	.0751	.0832	.0929	120.
140.	.0977	.0932	.0985	.1036	.1011	.1024	.0978	.0955	.0964	.0967	.0941	.1055	.1099	140.
150.	.1092	.1104	.1099	.1098	.1028	.1174	.1142	.1184	.1149	.1166	.1163	.1159	.1181	150.
160.	.1784	.1818	.1847	.1833	.1796	.1762	.1758	.1714	.1603	.1611	.1596	.1669	.1712	160.
170.	.3258	.3261	.3185	.3151	.3274	.3163	.3192	.3199	.3122	.3074	.3090	.3166	.3230	170.
180.	.6768	.6782	.6821	.6742	.6740	.6796	.6844	.6866	.6803	.6730	.6687	.6721	.6680	180.

TABLE III. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -4.65 DEG							
0.	.3145	.3083	.3129	.3049	.3023	.3080	.3059	.3092	.3111	.3079	.3067	.3092	.3056	.3117
10.			.1471	.1444	.1435	.1403	.1602	.1590	.1586	.1654	.1592	.1551	.1603	.1630
20.		.1317	.1203	.1108	.1062	.1052	.1248	.1275	.1252	.1246	.1201	.1195	.1261	.1304
30.				.1042	.1002	.1004	.1199	.1189	.1151	.1183	.1149	.1106	.1211	.1204
40.	.1218	.1163	.1111	.1033	.1003	.1041	.1183	.1183	.1144	.1153	.1151	.1096	.1154	.1192
60.			.1052	.1020	.1004	.1005	.1123	.1125	.1113	.1110	.1168	.1111	.1101	.1185
90.	.1188	.1107		.1014	.0992	.0976	.1071	.1070	.2308	.1096	.1039	.1109	.1081	.1080
120.			.0869	.1036	.0969	.0929	.0977	.0988	.0988	.0995	.1068	.1038	.0968	.1095
140.	.1124	.1090	.0957	.1017	.0971	.0956	.0993	.1013	.1016	.1013	.1057	.0988	.1044	.1112
150.				.0996	.0968	.0951	.1005	.1019	.1012	.1031	.1014	.0983	.1093	.1085
160.		.1141	.1062	.0978	.0984	.0953	.1031	.1059	.1035	.1038	.1007	.1021	.1075	.1127
170.			.1058	.1042	.1020	.0983	.1104	.1093	.1102	.1115	.1071	.1063	.1119	.1130
180.	.1619	.1510	.1566	.1451	.1486	.1532	.1555	.1552	.1580	.1536	.1526	.1546	.1543	.1608
190.			.1345	.1300	.1329	.1301	.1423	.1403	.1390	.1396	.1358	.1338	.1409	.1406
200.		.1425	.1285	.1242	.1259	.1240	.1344	.1332	.1300	.1302	.1259	.1276	.1353	.1368
210.				.1236	.1231	.1213	.1292	.1286	.1279	.1287	.1267	.1215	.1370	.1323
220.	.1407	.1427	.1171	.1271	.1233	.1215	.1278	.1288	.1287	.1284	.1317	.1222	.1313	.1346
240.			.1034	.1288	.1230	.1207	.1257	.1265	.1259	.1276	.1327	.1285	.1239	.1320
270.	.1471	.1382		.1294	.1297	.1288	.1330	.1340	.2383	.1356	.1331	.1400	.1370	.1344
300.			.1333	.1308	.1351	.1344	.1379	.1387	.1386	.1350	.1505	.1432	.1417	.1508
320.	.1500	.1461	.1439	.1344	.1378	.1426	.1466	.1493	.1467	.1429	.1526	.1484	.1540	.1590
330.				.1376	.1420	.1415	.1538	.1541	.1506	.1505	.1529	.1501	.1627	.1593
340.		.1694	.1584	.1515	.1529	.1523	.1648	.1688	.1657	.1611	.1632	.1651	.1702	.1751
350.			.1926	.1957	.1942	.1915	.2094	.2071	.2084	.2122	.2078	.2066	.2093	.2116
							FOR ALPHA = -2.65 DEG							
0.	.2798	.2718	.2714	.2673	.2661	.2686	.2691	.2723	.2745	.2703	.2669	.2716	.2702	.2767
10.			.1379	.1382	.1376	.1319	.1503	.1519	.1488	.1522	.1494	.1450	.1537	.1524
20.		.1310	.1180	.1114	.1099	.1089	.1247	.1271	.1235	.1213	.1198	.1177	.1236	.1296
30.				.1074	.1071	.1068	.1219	.1198	.1159	.1195	.1164	.1117	.1221	.1205
40.	.1260	.1200	.1140	.1075	.1068	.1083	.1204	.1189	.1176	.1168	.1182	.1112	.1177	.1216
60.			.1049	.1069	.1063	.1039	.1147	.1134	.1133	.1110	.1185	.1125	.1097	.1193
90.	.1230	.1139		.1053	.1032	.1019	.1104	.1102	.2250	.1114	.1064	.1129	.1087	.1086
120.			.0874	.1042	.0990	.0977	.1014	.1037	.1040	.1034	.1084	.1043	.0999	.1114
140.	.1141	.1134	.1041	.1005	.0996	.0992	.1032	.1068	.1063	.1055	.1080	.1007	.1085	.1138
150.				.0997	.0999	.0988	.1047	.1066	.1067	.1076	.1031	.1009	.1138	.1105
160.		.1176	.1022	.0999	.1008	.0997	.1094	.1123	.1103	.1079	.1043	.1042	.1137	.1147
170.			.1105	.1098	.1087	.1050	.1173	.1176	.1171	.1185	.1134	.1110	.1177	.1183
180.	.1860	.1752	.1821	.1701	.1705	.1772	.1812	.1812	.1845	.1799	.1769	.1785	.1792	.1843
190.			.1425	.1427	.1413	.1402	.1548	.1555	.1537	.1540	.1496	.1465	.1525	.1556
200.		.1457	.1323	.1283	.1312	.1289	.1418	.1433	.1397	.1392	.1343	.1338	.1425	.1465
210.				.1276	.1276	.1249	.1340	.1362	.1358	.1367	.1325	.1279	.1425	.1388
220.	.1449	.1436	.1301	.1277	.1278	.1251	.1324	.1342	.1355	.1352	.1365	.1268	.1364	.1411
240.			.1128	.1304	.1267	.1232	.1291	.1307	.1334	.1329	.1367	.1320	.1274	.1373
270.	.1520	.1439		.1322	.1314	.1308	.1367	.1374	.2340	.1391	.1355	.1423	.1388	.1367
300.			.1408	.1346	.1353	.1372	.1409	.1409	.1388	.1370	.1498	.1444	.1399	.1503
320.	.1554	.1520	.1448	.1375	.1390	.1426	.1457	.1474	.1471	.1441	.1507	.1445	.1493	.1584
330.				.1401	.1406	.1419	.1530	.1527	.1484	.1498	.1510	.1468	.1596	.1587
340.		.1691	.1515	.1483	.1514	.1505	.1612	.1637	.1602	.1582	.1562	.1578	.1637	.1707
350.			.1849	.1847	.1827	.1808	.1964	.1933	.1951	.1967	.1911	.1906	.1986	.2002
							FOR ALPHA = -1.65 DEG							
0.	.2576	.2520	.2544	.2474	.2478	.2489	.2515	.2547	.2558	.2514	.2512	.2557	.2536	.2604
10.			.1335	.1354	.1305	.1271	.1447	.1462	.1460	.1494	.1424	.1405	.1461	.1489
20.		.1275	.1144	.1085	.1093	.1073	.1239	.1268	.1235	.1209	.1177	.1182	.1245	.1284
30.				.1057	.1052	.1044	.1235	.1221	.1162	.1197	.1158	.1115	.1231	.1219
40.	.1256	.1198	.1135	.1060	.1065	.1087	.1202	.1186	.1173	.1169	.1195	.1109	.1169	.1237
60.			.0924	.1078	.1047	.1047	.1156	.1131	.1123	.1120	.1185	.1133	.1085	.1195
90.	.1238	.1141		.1064	.1034	.1022	.1114	.1107	.2229	.1125	.1072	.1130	.1090	.1093
120.			.0894	.1040	.1003	.0981	.1033	.1039	.1055	.1044	.1097	.1058	.1005	.1119
140.	.1169	.1133	.1057	.1008	.1010	.0995	.1053	.1061	.1081	.1074	.1089	.1019	.1090	.1154
150.				.0984	.1002	.1005	.1066	.1078	.1086	.1091	.1045	.1021	.1146	.1128
160.		.1181	.1004	.0992	.1016	.1023	.1096	.1135	.1124	.1102	.1054	.1045	.1147	.1171
170.			.1113	.1128	.1107	.1076	.1196	.1223	.1219	.1236	.1168	.1140	.1214	.1225
180.	.2000	.1889	.1955	.1845	.1836	.1893	.1937	.1951	.1984	.1938	.1911	.1920	.1917	.1983
190.			.1484	.1487	.1469	.1449	.1605	.1594	.1608	.1603	.1566	.1523	.1587	.1618
200.		.1500	.1326	.1303	.1327	.1322	.1442	.1459	.1443	.1425	.1390	.1364	.1458	.1507
210.				.1286	.1303	.1288	.1359	.1379	.1382	.1400	.1359	.1294	.1453	.1410
220.	.1470	.1446	.1361	.1297	.1283	.1270	.1333	.1359	.1371	.1377	.1394	.1289	.1383	.1421
240.			.1183	.1315	.1278	.1253	.1295	.1325	.1342	.1357	.1395	.1338	.1292	.1383
270.	.1526	.1448		.1347	.1320	.1311	.1365	.1387	.2313	.1401	.1361	.1437	.1388	.1366
300.			.1395	.1362	.1364	.1365	.1401	.1404	.1392	.1367	.1491	.1425	.1387	.1502
320.	.1524	.1515	.1441	.1374	.1399	.1426	.1452	.1478	.1456	.1432	.1509	.1424	.1492	.1584
330.				.1400	.1418	.1392	.1511	.1508	.1482	.1488	.1486	.1450	.1584	.1577
340.		.1652	.1469	.1490	.1495	.1491	.1607	.1623	.1597	.1559	.1532	.1547	.1636	.1698
350.			.1793	.1801	.1746	.1748	.1901	.1880	.1892	.1888	.1834	.1845	.1928	.1945

TABLE III. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.65 DEG								
0.	.3157	.3149	.3176	.3128	.3133	.3171	.3184	.3181	.3156	.3114	.3089	.3137	.3071	0.
10.	.1657	.1662	.1644	.1574	.1715	.1580	.1557	.1578	.1533	.1474	.1511	.1564	.1621	10.
20.	.1268	.1263	.1251	.1237	.1271	.1251	.1294	.1295	.1220	.1187	.1176	.1258	.1226	20.
30.	.1113	.1106	.1126	.1128	.1142	.1231	.1233	.1165	.1111	.1086	.1028	.1053	.1141	30.
40.	.1134	.1068	.1098	.1178	.1135	.1147	.1185	.1118	.1073	.1033	.0965	.1069	.1154	40.
60.	.1140	.1044	.1075	.1094	.1059	.1066	.1021	.1011	.0967	.0971	.1118	.1148	.1210	60.
90.	.1090	.1030	.1037	.1052	.0922	.0979	.0958	.0954	.0962	.0992	.1104	.1108	.1107	90.
120.	.1111	.1007	.1009	.0993	.0947	.0977	.1001	.1005	.0966	.0992	.1065	.1003	.1039	120.
140.	.1096	.1014	.1005	.1028	.0982	.1033	.1035	.1031	.1013	.0965	.0886	.0963	.1016	140.
150.	.1062	.1038	.1040	.1032	.0991	.1042	.1044	.1026	.0982	.0961	.0886	.0906	.1001	150.
160.	.1070	.1089	.1060	.1052	.1061	.1073	.1042	.1035	.0978	.0962	.0936	.0983	.0954	160.
170.	.1169	.1190	.1120	.1042	.1204	.1012	.1036	.1064	.1004	.1041	.1055	.1076	.1039	170.
180.	.1668	.1618	.1636	.1571	.1561	.1485	.1525	.1513	.1503	.1485	.1483	.1526	.1452	180.
190.	.1438	.1468	.1417	.1339	.1513	.1323	.1341	.1354	.1305	.1349	.1361	.1379	.1338	190.
200.	.1301	.1358	.1344	.1319	.1323	.1347	.1313	.1307	.1243	.1245	.1215	.1259	.1224	200.
210.	.1280	.1294	.1315	.1292	.1244	.1293	.1305	.1297	.1246	.1240	.1163	.1165	.1261	210.
220.	.1317	.1280	.1285	.1285	.1244	.1290	.1292	.1299	.1273	.1237	.1166	.1223	.1274	220.
240.	.1351	.1273	.1299	.1266	.1203	.1235	.1274	.1271	.1230	.1266	.1369	.1276	.1311	240.
270.	.1374	.1323	.1338	.1343	.1214	.1278	.1283	.1271	.1253	.1262	.1366	.1390	.1403	270.
300.	.1462	.1348	.1388	.1404	.1384	.1374	.1363	.1385	.1307	.1313	.1420	.1409	.1463	300.
320.	.1533	.1423	.1458	.1516	.1452	.1471	.1522	.1529	.1453	.1401	.1336	.1428	.1500	320.
330.	.1506	.1501	.1502	.1511	.1505	.1603	.1585	.1600	.1536	.1461	.1436	.1452	.1521	330.
340.	.1688	.1692	.1651	.1661	.1678	.1695	.1690	.1721	.1684	.1669	.1614	.1743	.1686	340.
350.	.2171	.2151	.2108	.2045	.2211	.2080	.2114	.2136	.2096	.2067	.2079	.2102	.2156	350.
						FOR ALPHA = -2.65 DEG								
0.	.2793	.2798	.2813	.2765	.2774	.2780	.2803	.2783	.2764	.2730	.2709	.2775	.2670	0.
10.	.1561	.1560	.1539	.1452	.1617	.1475	.1456	.1455	.1401	.1391	.1427	.1471	.1527	10.
20.	.1254	.1255	.1242	.1251	.1242	.1241	.1249	.1273	.1194	.1161	.1150	.1222	.1191	20.
30.	.1153	.1140	.1161	.1156	.1133	.1191	.1216	.1176	.1108	.1070	.1022	.1057	.1122	30.
40.	.1185	.1101	.1114	.1183	.1136	.1133	.1179	.1149	.1075	.1048	.0971	.1075	.1162	40.
60.	.1161	.1062	.1088	.1111	.1080	.1066	.1068	.1035	.0981	.0995	.1124	.1119	.1200	60.
90.	.1111	.1057	.1070	.1077	.0949	.1001	.0981	.0964	.0968	.0992	.1136	.1156	.1134	90.
120.	.1127	.1045	.1045	.1019	.0971	.0995	.0994	.0991	.0960	.1020	.1135	.1052	.1086	120.
140.	.1115	.1047	.1052	.1054	.1002	.1045	.1061	.1069	.1044	.1008	.0946	.1010	.1069	140.
150.	.1085	.1074	.1078	.1055	.0992	.1055	.1096	.1073	.1024	.1025	.0964	.0954	.1038	150.
160.	.1096	.1140	.1117	.1085	.1091	.1109	.1099	.1109	.1033	.1027	.1015	.1070	.1000	160.
170.	.1199	.1224	.1212	.1153	.1287	.1120	.1130	.1164	.1096	.1130	.1151	.1190	.1147	170.
180.	.1844	.1858	.1913	.1867	.1829	.1767	.1782	.1796	.1776	.1756	.1752	.1805	.1741	180.
190.	.1549	.1536	.1542	.1498	.1654	.1452	.1484	.1506	.1438	.1482	.1503	.1517	.1486	190.
200.	.1352	.1409	.1421	.1399	.1392	.1408	.1402	.1411	.1335	.1311	.1319	.1377	.1302	200.
210.	.1323	.1347	.1380	.1357	.1283	.1339	.1368	.1366	.1312	.1287	.1244	.1248	.1322	210.
220.	.1347	.1310	.1337	.1340	.1277	.1313	.1335	.1357	.1311	.1271	.1240	.1299	.1341	220.
240.	.1365	.1315	.1336	.1305	.1241	.1273	.1284	.1285	.1235	.1289	.1430	.1340	.1360	240.
270.	.1381	.1340	.1364	.1381	.1238	.1304	.1297	.1292	.1278	.1287	.1421	.1426	.1407	270.
300.	.1483	.1365	.1403	.1420	.1403	.1387	.1411	.1411	.1326	.1321	.1452	.1431	.1479	300.
320.	.1519	.1434	.1446	.1495	.1477	.1489	.1504	.1525	.1475	.1386	.1337	.1424	.1513	320.
330.	.1527	.1511	.1530	.1522	.1511	.1552	.1548	.1580	.1516	.1448	.1383	.1426	.1525	330.
340.	.1683	.1662	.1624	.1621	.1646	.1653	.1645	.1668	.1626	.1604	.1531	.1683	.1630	340.
350.	.2040	.2009	.1977	.1902	.2083	.1949	.1957	.1982	.1967	.1935	.1929	.1947	.2006	350.
						FOR ALPHA = -1.65 DEG								
0.	.2631	.2627	.2647	.2596	.2600	.2597	.2610	.2608	.2586	.2562	.2530	.2586	.2507	0.
10.	.1528	.1520	.1475	.1417	.1569	.1438	.1390	.1383	.1366	.1327	.1387	.1429	.1463	10.
20.	.1250	.1249	.1222	.1224	.1241	.1225	.1231	.1240	.1176	.1142	.1123	.1225	.1200	20.
30.	.1147	.1150	.1163	.1172	.1139	.1166	.1171	.1170	.1094	.1065	.1019	.1044	.1132	30.
40.	.1176	.1117	.1133	.1180	.1121	.1123	.1150	.1126	.1079	.1046	.0978	.1072	.1164	40.
60.	.1161	.1075	.1110	.1130	.1071	.1063	.1060	.1037	.0991	.1001	.1117	.1113	.1175	60.
90.	.1108	.1064	.1075	.1092	.0951	.1012	.0991	.0968	.0972	.0994	.1116	.1153	.1141	90.
120.	.1127	.1058	.1051	.1038	.0986	.0995	.0999	.0997	.0957	.1020	.1144	.1066	.1095	120.
140.	.1128	.1058	.1060	.1068	.1013	.1051	.1054	.1074	.1051	.1019	.0972	.1034	.1079	140.
150.	.1090	.1083	.1099	.1066	.1001	.1059	.1086	.1090	.1046	.1029	.0991	.0981	.1047	150.
160.	.1110	.1149	.1122	.1102	.1091	.1108	.1131	.1139	.1067	.1055	.1049	.1104	.1034	160.
170.	.1223	.1250	.1230	.1177	.1327	.1144	.1167	.1199	.1133	.1151	.1186	.1218	.1210	170.
180.	.1980	.1948	.2038	.2016	.1982	.1920	.1933	.1928	.1924	.1889	.1894	.1943	.1880	180.
190.	.1609	.1587	.1588	.1561	.1733	.1518	.1543	.1590	.1500	.1542	.1564	.1600	.1558	190.
200.	.1399	.1436	.1447	.1434	.1427	.1447	.1434	.1454	.1379	.1349	.1347	.1432	.1339	200.
210.	.1345	.1359	.1411	.1374	.1301	.1348	.1386	.1388	.1336	.1309	.1271	.1292	.1338	210.
220.	.1365	.1319	.1357	.1364	.1299	.1325	.1345	.1370	.1345	.1293	.1259	.1339	.1366	220.
240.	.1378	.1311	.1355	.1314	.1263	.1279	.1299	.1280	.1240	.1294	.1452	.1367	.1375	240.
270.	.1385	.1343	.1379	.1385	.1251	.1306	.1316	.1303	.1281	.1289	.1423	.1436	.1416	270.
300.	.1483	.1381	.1411	.1426	.1396	.1400	.1409	.1421	.1332	.1323	.1477	.1426	.1475	300.
320.	.1519	.1415	.1453	.1497	.1457	.1479	.1491	.1515	.1457	.1381	.1322	.1421	.1514	320.
330.	.1516	.1502	.1520	.1518	.1487	.1535	.1543	.1548	.1491	.1432	.1371	.1429	.1520	330.
340.	.1643	.1642	.1607	.1596	.1612	.1643	.1624	.1656	.1605	.1550	.1500	.1649	.1605	340.
350.	.1975	.1968	.1931	.1832	.2013	.1878	.1890	.1926	.1903	.1869	.1860	.1885	.1928	350.

TABLE III. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -.65 DEG								
0.	.2480	.2382	.2405	.2350	.2321	.2353	.2363	.2378	.2381	.2350	.2357	.2388	.2382	.2438
10.			.1322	.1335	.1285	.1269	.1419	.1407	.1393	.1442	.1386	.1363	.1434	.1450
20.		.1307	.1135	.1113	.1117	.1106	.1238	.1259	.1227	.1211	.1190	.1180	.1243	.1296
30.				.1100	.1085	.1070	.1208	.1206	.1174	.1196	.1166	.1113	.1229	.1215
40.	.1281	.1238	.1145	.1092	.1094	.1089	.1182	.1187	.1177	.1176	.1200	.1105	.1164	.1239
60.			.0960	.1108	.1075	.1044	.1150	.1143	.1128	.1135	.1184	.1121	.1082	.1196
90.	.1257	.1162		.1076	.1045	.1021	.1114	.1119	.2227	.1136	.1082	.1137	.1098	.1102
120.			.0863	.1044	.1003	.0990	.1043	.1063	.1052	.1047	.1113	.1068	.1011	.1128
140.	.1186	.1151	.1023	.1011	.1009	.1008	.1073	.1085	.1087	.1090	.1111	.1041	.1094	.1162
150.				.0996	.1004	.1005	.1092	.1092	.1089	.1110	.1069	.1041	.1152	.1135
160.		.1201	.0996	.1003	.1019	.1037	.1115	.1132	.1131	.1113	.1066	.1051	.1158	.1180
170.			.1131	.1158	.1121	.1112	.1245	.1248	.1266	.1285	.1217	.1169	.1265	.1264
180.	.2146	.2027	.2101	.1988	.1974	.2025	.2067	.2097	.2139	.2088	.2064	.2060	.2052	.2119
190.			.1551	.1537	.1519	.1500	.1642	.1655	.1664	.1681	.1628	.1577	.1634	.1662
200.		.1531	.1330	.1334	.1348	.1352	.1463	.1500	.1469	.1468	.1426	.1402	.1483	.1530
210.				.1309	.1317	.1294	.1378	.1401	.1397	.1427	.1382	.1326	.1465	.1429
220.	.1477	.1447	.1369	.1300	.1295	.1283	.1346	.1380	.1379	.1393	.1410	.1314	.1403	.1436
240.			.1216	.1316	.1279	.1243	.1306	.1341	.1354	.1349	.1401	.1348	.1306	.1388
270.	.1554	.1458		.1360	.1344	.1318	.1359	.1382	.2293	.1406	.1360	.1431	.1387	.1371
300.			.1343	.1392	.1401	.1367	.1392	.1406	.1393	.1371	.1472	.1407	.1378	.1492
320.	.1566	.1523	.1465	.1404	.1414	.1423	.1442	.1458	.1449	.1433	.1487	.1406	.1483	.1569
330.				.1426	.1439	.1405	.1497	.1487	.1476	.1463	.1447	.1430	.1568	.1558
340.		.1647	.1472	.1496	.1508	.1495	.1588	.1615	.1575	.1527	.1516	.1533	.1613	.1703
350.			.1768	.1760	.1752	.1697	.1833	.1838	.1816	.1810	.1775	.1783	.1853	.1873
						FOR ALPHA = .35 DEG								
0.	.2287	.2226	.2248	.2194	.2174	.2186	.2214	.2214	.2225	.2211	.2210	.2239	.2235	.2313
10.			.1295	.1290	.1242	.1216	.1398	.1366	.1366	.1413	.1352	.1333	.1401	.1399
20.		.1297	.1118	.1114	.1106	.1087	.1227	.1250	.1226	.1209	.1181	.1165	.1235	.1313
30.				.1087	.1074	.1051	.1196	.1192	.1173	.1194	.1164	.1114	.1244	.1225
40.	.1267	.1234	.1150	.1082	.1062	.1086	.1174	.1179	.1177	.1165	.1194	.1109	.1180	.1243
60.			.0975	.1101	.1067	.1043	.1143	.1140	.1135	.1128	.1179	.1121	.1079	.1200
90.	.1246	.1151		.1082	.1034	.1018	.1113	.1118	.2212	.1133	.1081	.1134	.1096	.1090
120.			.0873	.1025	.0986	.0974	.1041	.1059	.1056	.1035	.1109	.1068	.1015	.1125
140.	.1175	.1150	.1056	.0996	.0998	.0999	.1072	.1097	.1086	.1072	.1110	.1048	.1101	.1162
150.				.0988	.0999	.0994	.1087	.1107	.1090	.1114	.1070	.1049	.1158	.1126
160.		.1210	.1017	.0998	.1010	.1004	.1113	.1144	.1138	.1123	.1070	.1068	.1151	.1168
170.			.1160	.1182	.1146	.1134	.1271	.1277	.1311	.1325	.1252	.1211	.1281	.1296
180.	.2305	.2189	.2260	.2135	.2111	.2167	.2203	.2237	.2276	.2246	.2214	.2212	.2191	.2264
190.			.1620	.1588	.1562	.1559	.1692	.1710	.1726	.1753	.1695	.1641	.1684	.1718
200.		.1557	.1348	.1357	.1375	.1371	.1493	.1531	.1503	.1494	.1470	.1428	.1517	.1564
210.				.1313	.1319	.1321	.1390	.1417	.1419	.1447	.1409	.1355	.1501	.1441
220.	.1494	.1455	.1354	.1308	.1302	.1286	.1348	.1386	.1406	.1394	.1435	.1347	.1428	.1449
240.			.1221	.1330	.1284	.1253	.1310	.1330	.1365	.1359	.1404	.1361	.1321	.1404
270.	.1561	.1460		.1389	.1357	.1323	.1368	.1385	.2290	.1409	.1368	.1426	.1396	.1380
300.			.1342	.1430	.1413	.1380	.1395	.1398	.1403	.1375	.1478	.1411	.1375	.1504
320.	.1561	.1522	.1468	.1418	.1440	.1413	.1448	.1447	.1441	.1409	.1473	.1407	.1495	.1560
330.				.1435	.1456	.1414	.1492	.1490	.1450	.1446	.1452	.1423	.1581	.1565
340.		.1624	.1455	.1489	.1502	.1472	.1567	.1610	.1546	.1489	.1510	.1526	.1610	.1693
350.			.1712	.1731	.1697	.1646	.1791	.1782	.1758	.1756	.1728	.1747	.1812	.1851
						FOR ALPHA = 1.35 DEG								
0.	.2126	.2032	.2059	.2008	.1985	.2026	.2062	.2060	.2088	.2076	.2076	.2102	.2097	.2165
10.			.1268	.1254	.1192	.1171	.1341	.1326	.1326	.1368	.1325	.1323	.1363	.1369
20.		.1273	.1109	.1103	.1085	.1075	.1219	.1227	.1188	.1205	.1181	.1170	.1224	.1299
30.				.1070	.1064	.1047	.1188	.1174	.1149	.1181	.1156	.1111	.1239	.1220
40.	.1268	.1226	.1146	.1075	.1054	.1075	.1176	.1164	.1155	.1157	.1191	.1101	.1165	.1247
60.			.0982	.1104	.1046	.1057	.1141	.1124	.1132	.1125	.1186	.1125	.1071	.1193
90.	.1254	.1160		.1074	.1033	.1025	.1107	.1108	.2216	.1120	.1083	.1131	.1094	.1095
120.			.0933	.1021	.0994	.0980	.1040	.1062	.1062	.1050	.1104	.1060	.1018	.1118
140.	.1181	.1151	.1091	.1003	.1001	.1001	.1071	.1104	.1100	.1079	.1108	.1046	.1101	.1166
150.				.0993	.0994	.1015	.1091	.1121	.1098	.1107	.1065	.1049	.1139	.1125
160.		.1227	.1039	.1006	.1014	.1022	.1117	.1150	.1145	.1136	.1078	.1082	.1157	.1169
170.			.1210	.1217	.1180	.1148	.1316	.1331	.1345	.1385	.1301	.1242	.1321	.1332
180.	.2464	.2359	.2425	.2302	.2276	.2330	.2354	.2392	.2438	.2402	.2368	.2368	.2349	.2419
190.			.1644	.1662	.1602	.1609	.1744	.1762	.1782	.1817	.1759	.1705	.1758	.1784
200.		.1572	.1395	.1398	.1386	.1392	.1509	.1544	.1537	.1514	.1502	.1463	.1559	.1589
210.				.1341	.1326	.1308	.1413	.1451	.1430	.1458	.1413	.1377	.1512	.1451
220.	.1506	.1448	.1421	.1324	.1315	.1286	.1372	.1408	.1425	.1408	.1437	.1357	.1440	.1459
240.			.1367	.1337	.1301	.1265	.1303	.1354	.1370	.1357	.1405	.1377	.1318	.1412
270.	.1543	.1446		.1375	.1337	.1317	.1362	.1382	.2310	.1404	.1363	.1424	.1385	.1380
300.			.1297	.1427	.1369	.1376	.1399	.1396	.1383	.1355	.1459	.1402	.1352	.1500
320.	.1529	.1500	.1424	.1399	.1397	.1409	.1444	.1450	.1418	.1392	.1469	.1369	.1472	.1550
330.				.1410	.1410	.1362	.1483	.1473	.1414	.1431	.1422	.1399	.1556	.1535
340.		.1554	.1393	.1445	.1448	.1423	.1561	.1558	.1502	.1474	.1485	.1487	.1580	.1644
350.			.1618	.1643	.1596	.1575	.1733	.1722	.1698	.1702	.1673	.1667	.1750	.1792

TABLE III. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.65 DEG								
0.	.2477	.2459	.2495	.2434	.2438	.2423	.2445	.2442	.2420	.2385	.2377	.2422	.2351	0.
10.	.1496	.1475	.1432	.1383	.1549	.1388	.1336	.1345	.1330	.1299	.1355	.1383	.1417	10.
20.	.1243	.1242	.1224	.1216	.1239	.1213	.1194	.1212	.1158	.1114	.1091	.1185	.1172	20.
30.	.1149	.1150	.1173	.1183	.1138	.1147	.1153	.1159	.1095	.1052	.1003	.1039	.1143	30.
40.	.1182	.1110	.1133	.1182	.1116	.1106	.1149	.1120	.1083	.1026	.0974	.1078	.1169	40.
60.	.1169	.1078	.1107	.1131	.1067	.1056	.1067	.1045	.0994	.1006	.1124	.1119	.1184	60.
90.	.1116	.1069	.1076	.1101	.0960	.1013	.1004	.0979	.0972	.0988	.1121	.1153	.1158	90.
120.	.1132	.1067	.1053	.1045	.0994	.0994	.1006	.0996	.0954	.1025	.1162	.1083	.1115	120.
140.	.1136	.1070	.1075	.1086	.1026	.1052	.1064	.1069	.1057	.1035	.0991	.1054	.1103	140.
150.	.1097	.1095	.1121	.1078	.1014	.1078	.1091	.1106	.1069	.1050	.1010	.1004	.1057	150.
160.	.1132	.1153	.1138	.1106	.1097	.1105	.1149	.1167	.1113	.1086	.1071	.1138	.1060	160.
170.	.1265	.1294	.1279	.1211	.1367	.1191	.1202	.1226	.1167	.1171	.1218	.1271	.1280	170.
180.	.2126	.2084	.2139	.2166	.2148	.2083	.2080	.2072	.2075	.2042	.2030	.2093	.2021	180.
190.	.1682	.1643	.1642	.1604	.1803	.1596	.1605	.1657	.1578	.1601	.1643	.1671	.1627	190.
200.	.1424	.1469	.1485	.1470	.1445	.1471	.1461	.1486	.1416	.1391	.1380	.1473	.1384	200.
210.	.1364	.1373	.1425	.1393	.1327	.1361	.1397	.1398	.1359	.1335	.1297	.1324	.1367	210.
220.	.1380	.1339	.1371	.1380	.1306	.1341	.1363	.1373	.1343	.1317	.1277	.1367	.1399	220.
240.	.1381	.1322	.1358	.1326	.1278	.1283	.1292	.1278	.1250	.1290	.1461	.1385	.1388	240.
270.	.1386	.1352	.1382	.1390	.1260	.1321	.1317	.1313	.1282	.1295	.1432	.1441	.1413	270.
300.	.1477	.1385	.1406	.1423	.1398	.1393	.1402	.1417	.1335	.1324	.1474	.1421	.1480	300.
320.	.1521	.1417	.1431	.1505	.1440	.1471	.1487	.1504	.1450	.1361	.1309	.1423	.1494	320.
330.	.1508	.1485	.1503	.1501	.1467	.1513	.1523	.1532	.1475	.1397	.1354	.1419	.1497	330.
340.	.1611	.1628	.1594	.1583	.1607	.1627	.1599	.1642	.1561	.1499	.1453	.1607	.1569	340.
350.	.1916	.1899	.1851	.1773	.1966	.1811	.1836	.1879	.1824	.1804	.1792	.1810	.1871	350.
						FOR ALPHA = .35 DEG								
0.	.2312	.2320	.2341	.2275	.2281	.2264	.2290	.2278	.2259	.2239	.2208	.2265	.2194	0.
10.	.1460	.1442	.1404	.1355	.1514	.1328	.1292	.1332	.1286	.1275	.1309	.1335	.1386	10.
20.	.1232	.1236	.1207	.1224	.1219	.1202	.1160	.1187	.1135	.1095	.1076	.1186	.1159	20.
30.	.1147	.1147	.1166	.1169	.1126	.1133	.1147	.1140	.1077	.1036	.1000	.1051	.1142	30.
40.	.1182	.1096	.1126	.1192	.1105	.1102	.1134	.1118	.1071	.1014	.0968	.1076	.1167	40.
60.	.1174	.1083	.1120	.1135	.1060	.1049	.1066	.1034	.0996	.1004	.1136	.1113	.1168	60.
90.	.1112	.1069	.1087	.1102	.0956	.1004	.1002	.0981	.0964	.0984	.1114	.1140	.1151	90.
120.	.1110	.1051	.1054	.1029	.0986	.0993	.0989	.0982	.0946	.1007	.1157	.1091	.1102	120.
140.	.1121	.1070	.1068	.1075	.1010	.1049	.1054	.1065	.1040	.1026	.0994	.1064	.1112	140.
150.	.1077	.1096	.1105	.1072	.1016	.1076	.1092	.1105	.1055	.1055	.1014	.1021	.1060	150.
160.	.1114	.1152	.1131	.1106	.1089	.1085	.1144	.1193	.1130	.1094	.1073	.1168	.1067	160.
170.	.1298	.1312	.1301	.1242	.1358	.1226	.1228	.1264	.1213	.1197	.1250	.1297	.1321	170.
180.	.2276	.2230	.2262	.2297	.2306	.2253	.2229	.2223	.2224	.2192	.2173	.2250	.2175	180.
190.	.1739	.1714	.1694	.1675	.1856	.1675	.1691	.1717	.1655	.1676	.1703	.1735	.1710	190.
200.	.1468	.1502	.1497	.1498	.1483	.1487	.1494	.1521	.1462	.1432	.1420	.1517	.1425	200.
210.	.1383	.1394	.1440	.1413	.1339	.1383	.1406	.1420	.1374	.1362	.1327	.1353	.1394	210.
220.	.1405	.1340	.1390	.1396	.1328	.1356	.1361	.1380	.1356	.1320	.1292	.1390	.1431	220.
240.	.1387	.1331	.1371	.1333	.1289	.1290	.1290	.1281	.1246	.1290	.1455	.1410	.1403	240.
270.	.1393	.1363	.1388	.1391	.1266	.1322	.1326	.1320	.1292	.1294	.1426	.1448	.1424	270.
300.	.1487	.1382	.1415	.1431	.1389	.1401	.1408	.1429	.1330	.1330	.1462	.1417	.1468	300.
320.	.1512	.1410	.1434	.1497	.1443	.1467	.1470	.1511	.1442	.1344	.1305	.1414	.1486	320.
330.	.1491	.1484	.1490	.1501	.1455	.1506	.1494	.1524	.1449	.1363	.1346	.1404	.1480	330.
340.	.1595	.1604	.1559	.1580	.1587	.1614	.1575	.1605	.1520	.1454	.1420	.1573	.1536	340.
350.	.1873	.1847	.1782	.1718	.1916	.1743	.1779	.1825	.1752	.1743	.1728	.1757	.1792	350.
						FOR ALPHA = 1.35 DEG								
0.	.2171	.2179	.2181	.2128	.2130	.2112	.2138	.2117	.2100	.2071	.2052	.2119	.2032	0.
10.	.1408	.1412	.1356	.1299	.1457	.1261	.1225	.1263	.1253	.1237	.1282	.1299	.1308	10.
20.	.1224	.1220	.1181	.1217	.1206	.1175	.1141	.1154	.1098	.1064	.1067	.1165	.1138	20.
30.	.1151	.1154	.1159	.1168	.1098	.1119	.1129	.1113	.1059	.1023	.0980	.1027	.1140	30.
40.	.1176	.1104	.1120	.1173	.1093	.1093	.1112	.1104	.1065	.1015	.0965	.1064	.1152	40.
60.	.1169	.1084	.1120	.1128	.1051	.1058	.1065	.1032	.0984	.1018	.1133	.1103	.1151	60.
90.	.1109	.1062	.1079	.1102	.0951	.1010	.1001	.0978	.0978	.0991	.1111	.1137	.1155	90.
120.	.1119	.1049	.1054	.1041	.0989	.0990	.0990	.0979	.0956	.1011	.1155	.1099	.1121	120.
140.	.1125	.1075	.1068	.1080	.1025	.1056	.1066	.1075	.1058	.1031	.1008	.1076	.1115	140.
150.	.1071	.1090	.1098	.1063	.1014	.1083	.1112	.1117	.1075	.1062	.1020	.1035	.1078	150.
160.	.1131	.1169	.1145	.1122	.1111	.1090	.1159	.1206	.1135	.1123	.1096	.1193	.1098	160.
170.	.1338	.1360	.1346	.1280	.1405	.1260	.1266	.1296	.1259	.1243	.1289	.1338	.1367	170.
180.	.2432	.2381	.2413	.2429	.2464	.2428	.2407	.2392	.2391	.2366	.2338	.2422	.2349	180.
190.	.1795	.1785	.1764	.1731	.1901	.1746	.1745	.1795	.1736	.1754	.1778	.1822	.1788	190.
200.	.1505	.1517	.1529	.1523	.1494	.1507	.1530	.1545	.1497	.1462	.1456	.1550	.1469	200.
210.	.1389	.1409	.1463	.1428	.1356	.1409	.1427	.1428	.1393	.1382	.1343	.1384	.1427	210.
220.	.1415	.1355	.1411	.1410	.1353	.1358	.1379	.1382	.1350	.1338	.1320	.1402	.1445	220.
240.	.1380	.1334	.1365	.1338	.1292	.1299	.1302	.1292	.1247	.1304	.1466	.1423	.1419	240.
270.	.1398	.1353	.1382	.1399	.1274	.1323	.1334	.1323	.1297	.1292	.1429	.1443	.1415	270.
300.	.1485	.1377	.1408	.1423	.1379	.1382	.1412	.1422	.1324	.1333	.1462	.1406	.1458	300.
320.	.1505	.1397	.1429	.1469	.1438	.1455	.1464	.1490	.1417	.1324	.1304	.1395	.1475	320.
330.	.1477	.1454	.1471	.1485	.1450	.1484	.1498	.1503	.1417	.1348	.1315	.1375	.1473	330.
340.	.1580	.1568	.1531	.1548	.1543	.1580	.1552	.1562	.1479	.1406	.1401	.1538	.1495	340.
350.	.1827	.1784	.1728	.1646	.1872	.1689	.1700	.1753	.1685	.1681	.1641	.1711	.1711	350.

TABLE III. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.35 DEG								
0.	.1984	.1886	.1919	.1862	.1864	.1864	.1919	.1922	.1969	.1946	.1941	.1970	.1965	.2011
10.			.1232	.1217	.1179	.1128	.1302	.1288	.1295	.1330	.1299	.1262	.1311	.1335
20.		.1253	.1080	.1095	.1078	.1063	.1200	.1209	.1196	.1194	.1165	.1146	.1207	.1282
30.				.1070	.1056	.1042	.1159	.1155	.1154	.1174	.1145	.1094	.1233	.1215
40.	.1252	.1221	.1116	.1077	.1055	.1099	.1142	.1159	.1143	.1156	.1180	.1085	.1173	.1230
60.			.0969	.1106	.1037	.1061	.1116	.1118	.1127	.1125	.1180	.1121	.1080	.1180
90.	.1259	.1175		.1077	.1031	.1044	.1111	.1112	.2255	.1132	.1086	.1146	.1094	.1088
120.			.1055	.1037	.1008	.0985	.1077	.1082	.1060	.1030	.1134	.1086	.1037	.1128
140.	.1189	.1169	.1134	.1023	.1009	.1004	.1102	.1126	.1114	.1078	.1140	.1093	.1121	.1159
150.				.1021	.0998	.1000	.1117	.1144	.1109	.1109	.1100	.1082	.1155	.1120
160.		.1258	.1090	.1050	.1027	.1022	.1141	.1201	.1170	.1131	.1120	.1132	.1191	.1187
170.			.1297	.1277	.1226	.1192	.1377	.1404	.1405	.1420	.1379	.1337	.1394	.1386
180.	.2633	.2545	.2636	.2493	.2444	.2488	.2536	.2573	.2621	.2568	.2556	.2572	.2537	.2588
190.			.1706	.1699	.1662	.1655	.1805	.1825	.1851	.1889	.1829	.1774	.1844	.1841
200.		.1590	.1447	.1413	.1408	.1412	.1527	.1574	.1573	.1535	.1519	.1499	.1586	.1603
210.				.1359	.1339	.1332	.1437	.1453	.1449	.1471	.1421	.1398	.1528	.1476
220.	.1519	.1453	.1440	.1348	.1325	.1301	.1381	.1426	.1447	.1421	.1432	.1374	.1450	.1469
240.			.1401	.1337	.1298	.1277	.1321	.1364	.1377	.1360	.1406	.1364	.1321	.1416
270.	.1537	.1447		.1370	.1336	.1316	.1375	.1390	.2334	.1396	.1351	.1415	.1388	.1381
300.			.1264	.1413	.1335	.1349	.1386	.1373	.1354	.1357	.1447	.1399	.1362	.1485
320.	.1506	.1489	.1410	.1384	.1363	.1385	.1433	.1415	.1391	.1381	.1455	.1372	.1465	.1533
330.				.1384	.1369	.1337	.1454	.1444	.1397	.1400	.1413	.1388	.1537	.1517
340.		.1528	.1412	.1400	.1432	.1379	.1520	.1533	.1467	.1449	.1452	.1469	.1545	.1614
350.			.1559	.1567	.1547	.1496	.1670	.1677	.1643	.1643	.1628	.1635	.1701	.1720
						FOR ALPHA = 3.35 DEG								
0.	.1841	.1743	.1789	.1717	.1704	.1727	.1786	.1812	.1845	.1829	.1835	.1843	.1837	.1902
10.			.1202	.1189	.1139	.1111	.1272	.1254	.1277	.1297	.1262	.1248	.1288	.1320
20.		.1258	.1118	.1079	.1065	.1066	.1193	.1200	.1191	.1177	.1163	.1139	.1206	.1278
30.				.1077	.1059	.1060	.1149	.1147	.1154	.1179	.1148	.1087	.1246	.1217
40.	.1243	.1229	.1081	.1080	.1053	.1091	.1127	.1140	.1145	.1159	.1197	.1092	.1184	.1225
60.			.0969	.1092	.1039	.1071	.1101	.1109	.1131	.1135	.1184	.1127	.1087	.1190
90.	.1242	.1155		.1058	.1022	.1034	.1081	.1080	.2256	.1115	.1061	.1117	.1079	.1075
120.			.0953	.1001	.0996	.0983	.1016	.1026	.1021	.1003	.1098	.1035	.0995	.1105
140.	.1181	.1131	.1108	.0979	.0992	.0992	.1062	.1081	.1076	.1047	.1102	.1028	.1076	.1114
150.				.0974	.0980	.0981	.1096	.1100	.1056	.1080	.1066	.1031	.1120	.1098
160.		.1232	.1067	.1013	.1002	.0994	.1121	.1157	.1151	.1107	.1093	.1101	.1162	.1178
170.			.1266	.1288	.1217	.1210	.1390	.1401	.1420	.1440	.1397	.1354	.1389	.1412
180.	.2806	.2700	.2796	.2644	.2610	.2647	.2686	.2718	.2769	.2723	.2719	.2715	.2693	.2750
190.			.1751	.1764	.1736	.1724	.1867	.1882	.1923	.1956	.1908	.1843	.1917	.1913
200.		.1610	.1461	.1423	.1428	.1433	.1552	.1595	.1594	.1558	.1526	.1528	.1610	.1612
210.				.1353	.1342	.1348	.1455	.1478	.1470	.1485	.1435	.1414	.1553	.1495
220.	.1523	.1457	.1425	.1342	.1337	.1317	.1389	.1433	.1451	.1423	.1439	.1395	.1455	.1488
240.			.1340	.1327	.1306	.1273	.1331	.1359	.1374	.1349	.1406	.1377	.1331	.1436
270.	.1527	.1443		.1356	.1338	.1325	.1370	.1373	.2358	.1400	.1344	.1421	.1392	.1384
300.			.1240	.1391	.1330	.1343	.1376	.1360	.1334	.1342	.1452	.1405	.1367	.1484
320.	.1484	.1501	.1364	.1366	.1335	.1371	.1406	.1399	.1362	.1375	.1450	.1362	.1467	.1523
330.				.1367	.1335	.1298	.1437	.1417	.1371	.1399	.1422	.1380	.1532	.1532
340.		.1524	.1389	.1384	.1371	.1332	.1486	.1493	.1438	.1426	.1433	.1451	.1525	.1596
350.			.1516	.1503	.1470	.1419	.1627	.1620	.1590	.1611	.1601	.1580	.1640	.1669
						FOR ALPHA = 5.36 DEG								
0.	.1562	.1491	.1540	.1414	.1437	.1480	.1557	.1580	.1608	.1605	.1575	.1579	.1581	.1647
10.			.1132	.1067	.1071	.1048	.1198	.1198	.1206	.1233	.1178	.1129	.1212	.1229
20.		.1206	.1109	.1014	.1041	.1009	.1138	.1167	.1152	.1159	.1102	.1121	.1169	.1226
30.				.1020	.1036	.0993	.1109	.1129	.1139	.1154	.1101	.1066	.1207	.1173
40.	.1183	.1166	.0953	.1048	.1029	.1045	.1099	.1127	.1136	.1136	.1149	.1069	.1155	.1202
60.			.0924	.1054	.1017	.1022	.1065	.1085	.1106	.1100	.1155	.1117	.1068	.1173
90.	.1177	.1074		.0987	.1004	.0985	.0988	.1014	.2278	.1076	.0993	.1050	.1055	.1065
120.			.0897	.0928	.0964	.0931	.0899	.0914	.0966	.0963	.0994	.0901	.0948	.1076
140.	.1127	.1021	.0977	.0898	.0949	.0967	.0957	.0975	.1013	.1027	.0981	.0877	.1007	.1061
150.				.0887	.0938	.0954	.0994	.0964	.0999	.1043	.0993	.0894	.1045	.1076
160.		.1169	.0986	.0942	.0978	.0999	.1052	.1045	.1108	.1086	.1064	.0996	.1109	.1175
170.			.1258	.1241	.1289	.1276	.1413	.1364	.1428	.1508	.1461	.1343	.1403	.1483
180.	.3155	.3046	.3123	.2957	.2957	.3008	.3007	.3016	.3091	.3061	.3056	.3033	.3023	.3087
190.			.1842	.1885	.1864	.1847	.2002	.2019	.2049	.2090	.2039	.1969	.2051	.2035
200.		.1679	.1505	.1456	.1447	.1475	.1577	.1620	.1619	.1576	.1551	.1577	.1631	.1652
210.				.1349	.1364	.1376	.1465	.1487	.1468	.1483	.1451	.1425	.1536	.1507
220.	.1519	.1442	.1434	.1331	.1344	.1345	.1412	.1428	.1428	.1412	.1429	.1388	.1440	.1493
240.			.1331	.1304	.1320	.1288	.1330	.1336	.1338	.1322	.1387	.1351	.1315	.1418
270.	.1490	.1403		.1317	.1310	.1305	.1339	.1327	.2421	.1380	.1319	.1400	.1369	.1363
300.			.1107	.1342	.1263	.1285	.1315	.1305	.1300	.1348	.1410	.1390	.1337	.1457
320.	.1401	.1487	.1158	.1320	.1257	.1313	.1338	.1335	.1332	.1355	.1411	.1328	.1431	.1491
330.				.1302	.1260	.1225	.1354	.1347	.1336	.1367	.1359	.1333	.1496	.1457
340.		.1496	.1327	.1288	.1277	.1237	.1407	.1406	.1373	.1401	.1361	.1385	.1453	.1504
350.			.1413	.1324	.1322	.1291	.1490	.1482	.1475	.1501	.1465	.1436	.1505	.1536

TABLE III. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.35 DEG								
0.	.2042	.2026	.2035	.1978	.1975	.1963	.1984	.1967	.1955	.1916	.1898	.1970	.1897	0.
10.	.1389	.1347	.1323	.1251	.1400	.1197	.1176	.1249	.1202	.1207	.1231	.1269	.1253	10.
20.	.1196	.1196	.1179	.1193	.1176	.1135	.1122	.1152	.1068	.1052	.1057	.1148	.1127	20.
30.	.1149	.1117	.1149	.1160	.1097	.1082	.1122	.1096	.1042	.1018	.0977	.1040	.1138	30.
40.	.1169	.1081	.1111	.1156	.1068	.1078	.1103	.1090	.1054	.1003	.0960	.1079	.1143	40.
60.	.1170	.1078	.1122	.1122	.1039	.1034	.1054	.1033	.1007	.1004	.1143	.1097	.1151	60.
90.	.1121	.1080	.1094	.1096	.0960	.1018	.1010	.0986	.0991	.1016	.1132	.1137	.1143	90.
120.	.1150	.1074	.1072	.1038	.1021	.1037	.1022	.0996	.0979	.1054	.1186	.1116	.1124	120.
140.	.1155	.1112	.1101	.1098	.1055	.1117	.1112	.1088	.1043	.1074	.1048	.1100	.1121	140.
150.	.1094	.1126	.1119	.1075	.1041	.1156	.1153	.1129	.1074	.1100	.1076	.1059	.1086	150.
160.	.1157	.1224	.1181	.1135	.1114	.1166	.1223	.1243	.1158	.1172	.1152	.1232	.1117	160.
170.	.1394	.1444	.1416	.1337	.1441	.1326	.1366	.1374	.1310	.1334	.1387	.1422	.1431	170.
180.	.2601	.2571	.2594	.2592	.2640	.2622	.2611	.2584	.2571	.2573	.2546	.2613	.2532	180.
190.	.1857	.1849	.1837	.1794	.1954	.1807	.1811	.1864	.1813	.1822	.1852	.1879	.1868	190.
200.	.1535	.1550	.1559	.1543	.1521	.1534	.1542	.1573	.1524	.1501	.1490	.1590	.1515	200.
210.	.1404	.1425	.1492	.1432	.1378	.1428	.1446	.1447	.1408	.1397	.1368	.1410	.1445	210.
220.	.1428	.1376	.1412	.1416	.1362	.1375	.1394	.1391	.1362	.1355	.1316	.1416	.1458	220.
240.	.1387	.1338	.1365	.1351	.1300	.1300	.1315	.1290	.1252	.1302	.1467	.1426	.1426	240.
270.	.1392	.1358	.1384	.1397	.1266	.1324	.1330	.1316	.1288	.1296	.1423	.1436	.1421	270.
300.	.1472	.1371	.1407	.1415	.1364	.1385	.1406	.1393	.1307	.1326	.1446	.1405	.1451	300.
320.	.1483	.1380	.1407	.1444	.1413	.1431	.1443	.1454	.1385	.1304	.1287	.1389	.1449	320.
330.	.1452	.1433	.1449	.1459	.1415	.1455	.1469	.1469	.1373	.1311	.1311	.1357	.1451	330.
340.	.1530	.1522	.1486	.1500	.1517	.1539	.1516	.1532	.1428	.1351	.1391	.1500	.1443	340.
350.	.1752	.1721	.1631	.1596	.1801	.1612	.1650	.1686	.1602	.1600	.1568	.1651	.1640	350.
						FOR ALPHA = 3.35 DEG								
0.	.1917	.1896	.1895	.1841	.1859	.1814	.1839	.1820	.1810	.1763	.1768	.1817	.1763	0.
10.	.1339	.1310	.1272	.1214	.1348	.1147	.1149	.1222	.1164	.1160	.1186	.1224	.1221	10.
20.	.1194	.1177	.1177	.1186	.1139	.1112	.1126	.1132	.1058	.1034	.1028	.1148	.1098	20.
30.	.1134	.1116	.1159	.1148	.1052	.1072	.1102	.1080	.1028	.1012	.0971	.1032	.1139	30.
40.	.1164	.1067	.1112	.1141	.1063	.1073	.1084	.1087	.1051	.0993	.0954	.1074	.1140	40.
60.	.1175	.1070	.1135	.1104	.1016	.1042	.1046	.1037	.0980	.1002	.1127	.1090	.1138	60.
90.	.1114	.1055	.1080	.1076	.0933	.0992	.0989	.0974	.0983	.0978	.1094	.1113	.1137	90.
120.	.1116	.1019	.1030	.1006	.0993	.0987	.0974	.0972	.0945	.0996	.1120	.1069	.1097	120.
140.	.1103	.1052	.1050	.1061	.1053	.1064	.1069	.1052	.1013	.1040	.0999	.1043	.1089	140.
150.	.1070	.1082	.1059	.1043	.1027	.1117	.1105	.1090	.1043	.1067	.1028	.1026	.1060	150.
160.	.1171	.1180	.1143	.1108	.1090	.1124	.1173	.1198	.1152	.1146	.1118	.1203	.1103	160.
170.	.1427	.1453	.1414	.1345	.1452	.1346	.1357	.1386	.1329	.1323	.1368	.1427	.1444	170.
180.	.2762	.2722	.2751	.2728	.2798	.2788	.2762	.2736	.2735	.2733	.2698	.2761	.2694	180.
190.	.1924	.1914	.1909	.1852	.2008	.1876	.1890	.1930	.1881	.1875	.1922	.1960	.1938	190.
200.	.1559	.1578	.1574	.1564	.1539	.1546	.1565	.1596	.1561	.1542	.1528	.1638	.1548	200.
210.	.1427	.1444	.1495	.1446	.1397	.1446	.1459	.1452	.1422	.1421	.1397	.1426	.1462	210.
220.	.1437	.1381	.1415	.1416	.1365	.1384	.1401	.1400	.1366	.1362	.1338	.1427	.1467	220.
240.	.1392	.1338	.1369	.1348	.1312	.1302	.1309	.1302	.1258	.1291	.1458	.1416	.1437	240.
270.	.1397	.1354	.1385	.1392	.1261	.1316	.1331	.1312	.1280	.1294	.1412	.1425	.1417	270.
300.	.1480	.1366	.1404	.1414	.1363	.1372	.1398	.1382	.1294	.1312	.1437	.1388	.1434	300.
320.	.1461	.1357	.1389	.1438	.1399	.1414	.1434	.1419	.1340	.1303	.1265	.1368	.1429	320.
330.	.1445	.1401	.1432	.1443	.1398	.1424	.1463	.1420	.1331	.1300	.1289	.1338	.1421	330.
340.	.1494	.1481	.1460	.1465	.1477	.1509	.1493	.1483	.1368	.1336	.1372	.1461	.1421	340.
350.	.1697	.1632	.1576	.1526	.1731	.1550	.1578	.1629	.1520	.1503	.1510	.1584	.1598	350.
						FOR ALPHA = 5.36 DEG								
0.	.1649	.1629	.1617	.1595	.1585	.1544	.1553	.1546	.1525	.1513	.1486	.1561	.1528	0.
10.	.1254	.1219	.1187	.1097	.1207	.1024	.1112	.1140	.1069	.1090	.1112	.1124	.1153	10.
20.	.1128	.1151	.1116	.1083	.1048	.1093	.1067	.1063	.1003	.0984	.0998	.1074	.1059	20.
30.	.1090	.1085	.1112	.1064	.0990	.1055	.1041	.1027	.0987	.0971	.0947	.1003	.1095	30.
40.	.1123	.1079	.1072	.1072	.1006	.1045	.1024	.1036	.1008	.0963	.0930	.1049	.1112	40.
60.	.1138	.1066	.1089	.1046	.0975	.1001	.1008	.1008	.0964	.0982	.1101	.1062	.1113	60.
90.	.1048	.0981	.1028	.1031	.0888	.0933	.0934	.0943	.0938	.0909	.1003	.1076	.1108	90.
120.	.1037	.0882	.0948	.0974	.0943	.0877	.0880	.0922	.0906	.0893	.0986	.1012	.1083	120.
140.	.1043	.0914	.0950	.1018	.0997	.0954	.0975	.1008	.0989	.0971	.0872	.0963	.1037	140.
150.	.1032	.0954	.0966	.0984	.0991	.1013	.0996	.1050	.1039	.1000	.0916	.0958	.1016	150.
160.	.1166	.1119	.1068	.1081	.1083	.1039	.1037	.1148	.1129	.1094	.1038	.1147	.1098	160.
170.	.1525	.1477	.1424	.1410	.1535	.1352	.1328	.1432	.1386	.1347	.1335	.1450	.1492	170.
180.	.3101	.3040	.3059	.3061	.3138	.3102	.3058	.3077	.3111	.3078	.2998	.3083	.3042	180.
190.	.2068	.2081	.2049	.1977	.2120	.1990	.2003	.2062	.1982	.1988	.2045	.2095	.2081	190.
200.	.1624	.1645	.1621	.1578	.1573	.1570	.1608	.1621	.1602	.1611	.1599	.1689	.1606	200.
210.	.1442	.1452	.1474	.1434	.1427	.1490	.1469	.1476	.1451	.1455	.1414	.1418	.1451	210.
220.	.1468	.1404	.1408	.1428	.1379	.1390	.1418	.1404	.1378	.1377	.1343	.1392	.1441	220.
240.	.1415	.1330	.1340	.1338	.1310	.1293	.1298	.1287	.1256	.1293	.1420	.1381	.1433	240.
270.	.1382	.1333	.1363	.1378	.1237	.1309	.1310	.1276	.1266	.1262	.1367	.1390	.1402	270.
300.	.1439	.1333	.1384	.1376	.1310	.1339	.1350	.1307	.1247	.1273	.1397	.1346	.1385	300.
320.	.1402	.1322	.1352	.1382	.1324	.1378	.1357	.1307	.1289	.1254	.1208	.1319	.1375	320.
330.	.1364	.1344	.1379	.1373	.1333	.1378	.1362	.1308	.1250	.1278	.1225	.1269	.1378	330.
340.	.1386	.1381	.1400	.1386	.1400	.1428	.1391	.1339	.1252	.1292	.1284	.1363	.1338	340.
350.	.1534	.1474	.1455	.1404	.1591	.1406	.1465	.1449	.1334	.1381	.1419	.1452	.1470	350.

TABLE III. - CONTINUED

(8) MACH = 1.70, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 10.35 DEG								
0.	.1084	.1053	.1047	.0952	.0995	.1028	.1107	.1091	.1107	.1084	.1064	.1066	.1067	.1118
10.			.1018	.0934	.0917	.0896	.1020	.1017	.1025	.1019	.0967	.0951	.1004	.0974
20.		.1155	.0861	.0958	.0935	.0909	.1010	.1016	.0998	.1009	.0957	.0969	.0997	.1003
30.				.0964	.0940	.0907	.0977	.0987	.1001	.1011	.0996	.0930	.1060	.1004
40.	.1020	.1054	.0693	.0975	.0933	.0955	.0982	.0984	.1001	.1018	.1055	.0940	.1011	.1043
60.			.0748	.0923	.0945	.0930	.0956	.0963	.0992	.1017	.1065	.1035	.0983	.1034
90.	.1074	.0986		.0876	.0917	.0902	.0941	.0951	.2639	.0981	.0959	.1058	.1054	.1006
120.			.0991	.0848	.0880	.0867	.0915	.0952	.0933	.0919	.0990	.0990	.1016	.1054
140.	.1106	.1004	.0982	.0860	.0863	.0895	.0955	.1003	.0948	.0977	.0977	.0963	.1039	.1040
150.				.0889	.0878	.0874	.0998	.1039	.0988	.1030	.1019	.1013	.1128	.1091
160.		.1304	.1165	.1034	.0974	.0998	.1105	.1174	.1178	.1146	.1122	.1180	.1323	.1304
170.			.1688	.1678	.1647	.1604	.1750	.1758	.1778	.1864	.1815	.1815	.1874	.1939
180.	.4250	.4245	.4357	.4132	.4069	.4106	.4106	.4132	.4209	.4171	.4153	.4173	.4167	.4245
190.			.2303	.2275	.2240	.2178	.2361	.2353	.2426	.2483	.2412	.2376	.2498	.2534
200.		.1805	.1712	.1575	.1518	.1504	.1628	.1687	.1724	.1674	.1641	.1681	.1813	.1833
210.				.1341	.1312	.1307	.1429	.1464	.1446	.1462	.1444	.1425	.1589	.1548
220.	.1514	.1444	.1429	.1273	.1269	.1286	.1357	.1387	.1394	.1362	.1360	.1341	.1447	.1462
240.			.1375	.1216	.1231	.1201	.1265	.1262	.1297	.1224	.1319	.1319	.1356	.1447
270.	.1364	.1261		.1163	.1163	.1174	.1225	.1258	.2677	.1290	.1234	.1329	.1334	.1306
300.			.0971	.1109	.1092	.1158	.1197	.1220	.1247	.1290	.1329	.1265	.1205	.1288
320.	.1202	.1187	.0882	.1118	.1071	.1158	.1194	.1210	.1223	.1261	.1269	.1129	.1235	.1304
330.				.1096	.1058	.1043	.1182	.1192	.1211	.1228	.1196	.1103	.1270	.1242
340.		.1246	.1041	.1077	.1042	.1024	.1188	.1198	.1189	.1189	.1123	.1133	.1187	.1225
350.			.1120	.1054	.1003	.0997	.1186	.1194	.1152	.1149	.1113	.1090	.1167	.1172
						FOR ALPHA = 15.35 DEG								
0.	.0795	.0830	.0746	.0646	.0671	.0676	.0757	.0753	.0761	.0712	.0717	.0726	.0707	.0767
10.			.0726	.0731	.0687	.0657	.0792	.0771	.0722	.0750	.0730	.0725	.0758	.0762
20.		.0858	.0615	.0729	.0709	.0657	.0788	.0774	.0715	.0755	.0699	.0737	.0756	.0774
30.				.0737	.0703	.0666	.0778	.0755	.0726	.0772	.0753	.0673	.0818	.0785
40.	.0778	.0760	.0524	.0736	.0695	.0725	.0791	.0765	.0742	.0775	.0831	.0711	.0760	.0832
60.			.0681	.0675	.0700	.0702	.0774	.0747	.0719	.0772	.0883	.0870	.0742	.0827
90.	.0853	.0761		.0665	.0723	.0748	.0812	.0809	.3119	.0757	.0758	.0834	.0830	.0835
120.			.0758	.0678	.0725	.0807	.0865	.0877	.0819	.0823	.0839	.0850	.0842	.0935
140.	.0957	.0810	.0713	.0715	.0717	.0809	.0899	.0915	.0874	.0889	.0863	.0850	.0861	.0901
150.				.0771	.0758	.0842	.0942	.0978	.0897	.0974	.0954	.0941	.1034	.0993
160.		.1310	.1147	.0985	.0988	.1073	.1176	.1237	.1201	.1211	.1186	.1193	.1389	.1351
170.			.2064	.2029	.1985	.2051	.2212	.2228	.2229	.2305	.2287	.2261	.2309	.2340
180.	.5526	.5477	.5614	.5351	.5277	.5378	.5384	.5418	.5499	.5394	.5388	.5403	.5393	.5424
190.			.2670	.2690	.2635	.2682	.2918	.2901	.2934	.3024	.2985	.2946	.2970	.3031
200.		.1898	.1772	.1585	.1587	.1650	.1793	.1851	.1878	.1847	.1831	.1828	.1947	.1987
210.				.1310	.1268	.1312	.1473	.1496	.1454	.1508	.1533	.1474	.1591	.1559
220.	.1398	.1246	.1225	.1154	.1148	.1223	.1376	.1370	.1377	.1362	.1373	.1361	.1414	.1388
240.			.1200	.1050	.1082	.1145	.1269	.1250	.1251	.1211	.1261	.1231	.1266	.1305
270.	.1185	.1053		.0974	.1004	.1058	.1131	.1131	.3140	.1121	.1107	.1157	.1156	.1150
300.			.0937	.0904	.0905	.0940	.1025	.1058	.1028	.1099	.1170	.1101	.0968	.1064
320.	.0989	.0917	.0722	.0891	.0844	.0901	.0988	.0990	.1003	.1040	.1055	.0874	.0904	.1030
330.				.0856	.0832	.0789	.0935	.0940	.0955	.0977	.0946	.0802	.0930	.0965
340.		.0920	.0700	.0811	.0780	.0742	.0902	.0915	.0882	.0896	.0837	.0820	.0827	.0892
350.			.0792	.0727	.0695	.0664	.0836	.0848	.0793	.0802	.0778	.0747	.0752	.0818
						FOR ALPHA = 20.35 DEG								
0.	.0563	.0592	.0498	.0443	.0492	.0477	.0536	.0545	.0561	.0544	.0520	.0534	.0543	.0593
10.			.0376	.0470	.0466	.0440	.0562	.0558	.0532	.0526	.0477	.0472	.0562	.0627
20.		.0535	.0229	.0443	.0435	.0391	.0533	.0527	.0509	.0512	.0437	.0411	.0520	.0604
30.				.0373	.0430	.0389	.0497	.0499	.0532	.0516	.0489	.0371	.0532	.0622
40.	.0475	.0401	.0305	.0356	.0403	.0454	.0513	.0510	.0520	.0547	.0556	.0432	.0490	.0612
60.			.0344	.0363	.0367	.0412	.0494	.0511	.0524	.0538	.0603	.0615	.0550	.0649
90.	.0596	.0437		.0343	.0364	.0463	.0493	.0458	.3527	.0513	.0453	.0461	.0480	.0527
120.			.0443	.0343	.0357	.0529	.0577	.0512	.0496	.0454	.0613	.0503	.0478	.0493
140.	.0844	.0576	.0429	.0440	.0422	.0628	.0666	.0611	.0545	.0550	.0663	.0564	.0575	.0512
150.				.0538	.0541	.0522	.0763	.0750	.0657	.0700	.0863	.0770	.0817	.0726
160.		.1513	.1173	.1037	.0963	.0955	.1213	.1204	.1202	.1124	.1288	.1233	.1355	.1241
170.			.2587	.2493	.2423	.2390	.2753	.2646	.2615	.2680	.2888	.2809	.2739	.2700
180.	.6983	.6914	.6907	.6583	.6648	.6617	.6690	.6670	.6661	.6571	.6720	.6706	.6620	.6659
190.			.3254	.3292	.3315	.3303	.3517	.3461	.3519	.3646	.3626	.3587	.3595	.3646
200.		.2179	.1954	.1792	.1791	.1837	.1965	.2003	.2015	.2003	.2023	.2009	.2131	.2144
210.				.1236	.1323	.1316	.1433	.1447	.1406	.1479	.1525	.1474	.1588	.1562
220.	.1358	.1162	.1060	.1088	.1125	.1156	.1239	.1245	.1249	.1277	.1273	.1221	.1265	.1269
240.			.0978	.0917	.0964	.0984	.1039	.1031	.1089	.1096	.1095	.1035	.1086	.1109
270.	.0934	.0804		.0780	.0820	.0821	.0834	.0865	.3695	.0873	.0822	.0866	.0907	.0937
300.			.0608	.0664	.0689	.0653	.0681	.0756	.0815	.0832	.0902	.0912	.0795	.0852
320.	.0611	.0537	.0534	.0610	.0588	.0586	.0651	.0687	.0708	.0734	.0756	.0607	.0636	.0715
330.				.0532	.0542	.0455	.0559	.0598	.0646	.0659	.0622	.0487	.0625	.0631
340.		.0538	.0354	.0502	.0473	.0362	.0504	.0549	.0554	.0555	.0492	.0475	.0534	.0531
350.			.0386	.0408	.0366	.0313	.0467	.0480	.0455	.0460	.0438	.0430	.0463	.0472

TABLE III. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.35 DEG								
0.	.1116	.1101	.1077	.1036	.1044	.0979	.0996	.1026	.1027	.1012	.1006	.1065	.1011	0.
10.	.0952	.0957	.0952	.0871	.1036	.0854	.0879	.0891	.0862	.0906	.0896	.0984	.1124	10.
20.	.0876	.0926	.0924	.0919	.0922	.0935	.0895	.0894	.0859	.0825	.0847	.1038	.1006	20.
30.	.0903	.0897	.0910	.0902	.0861	.0905	.0909	.0892	.0857	.0840	.0847	.0971	.1044	30.
40.	.0950	.0876	.0887	.0920	.0856	.0895	.0896	.0914	.0876	.0821	.0858	.1068	.1057	40.
60.	.0977	.0890	.0953	.0927	.0847	.0844	.0866	.0883	.0852	.0889	.1066	.1066	.1084	60.
90.	.0968	.0925	.0959	.0982	.0839	.0873	.0874	.0849	.0841	.0854	.0964	.1049	.1057	90.
120.	.1037	.0943	.0983	.1009	.0956	.0935	.0924	.0897	.0820	.0845	.0974	.0982	.1047	120.
140.	.0986	.0947	.1016	.1061	.1006	.1001	.1067	.1075	.0989	.0937	.0884	.0978	.1026	140.
150.	.0969	.0964	.0990	.0998	.0968	.1076	.1141	.1130	.1043	.0990	.0965	.0996	.1055	150.
160.	.1247	.1248	.1204	.1187	.1179	.1169	.1240	.1277	.1207	.1189	.1147	.1223	.1200	160.
170.	.1891	.1883	.1828	.1768	.1924	.1788	.1781	.1822	.1772	.1715	.1713	.1778	.1830	170.
180.	.4229	.4182	.4214	.4191	.4186	.4223	.4247	.4268	.4240	.4193	.4165	.4194	.4105	180.
190.	.2517	.2478	.2420	.2393	.2542	.2418	.2410	.2474	.2429	.2372	.2368	.2411	.2436	190.
200.	.1778	.1765	.1692	.1699	.1707	.1711	.1743	.1742	.1697	.1691	.1663	.1775	.1760	200.
210.	.1416	.1418	.1466	.1439	.1407	.1542	.1561	.1599	.1504	.1442	.1394	.1439	.1496	210.
220.	.1420	.1346	.1403	.1446	.1407	.1403	.1463	.1486	.1389	.1312	.1256	.1363	.1421	220.
240.	.1388	.1257	.1302	.1330	.1297	.1268	.1265	.1262	.1161	.1180	.1304	.1332	.1385	240.
270.	.1280	.1234	.1276	.1278	.1129	.1180	.1177	.1145	.1118	.1124	.1234	.1305	.1310	270.
300.	.1306	.1194	.1246	.1174	.1071	.1125	.1138	.1132	.1089	.1120	.1249	.1181	.1254	300.
320.	.1238	.1148	.1152	.1134	.1056	.1132	.1128	.1116	.1093	.1050	.1025	.1126	.1175	320.
330.	.1166	.1157	.1153	.1100	.1046	.1119	.1109	.1088	.1051	.1050	.0996	.1056	.1162	330.
340.	.1134	.1152	.1135	.1086	.1070	.1124	.1096	.1071	.1038	.1010	.1002	.1129	.1115	340.
350.	.1182	.1153	.1126	.1013	.1137	.1008	.1060	.1073	.1011	.1055	.1079	.1113	.1154	350.
						FOR ALPHA = 15.35 DEG								
0.	.0771	.0777	.0758	.0725	.0734	.0676	.0725	.0741	.0694	.0670	.0686	.0682	.0624	0.
10.	.0783	.0762	.0742	.0689	.0827	.0732	.0800	.0702	.0654	.0694	.0733	.0743	.0798	10.
20.	.0700	.0723	.0732	.0721	.0752	.0830	.0832	.0740	.0692	.0685	.0667	.0759	.0746	20.
30.	.0705	.0703	.0716	.0705	.0658	.0781	.0808	.0754	.0731	.0687	.0659	.0711	.0774	30.
40.	.0766	.0697	.0697	.0716	.0639	.0749	.0810	.0765	.0735	.0701	.0658	.0762	.0813	40.
60.	.0822	.0706	.0764	.0750	.0632	.0729	.0812	.0764	.0661	.0721	.0842	.0789	.0819	60.
90.	.0811	.0765	.0747	.0765	.0623	.0710	.0770	.0716	.0659	.0638	.0750	.0799	.0827	90.
120.	.0897	.0845	.0803	.0771	.0777	.0772	.0766	.0688	.0638	.0638	.0788	.0808	.0899	120.
140.	.0889	.0858	.0888	.0844	.0865	.0881	.0914	.0867	.0868	.0841	.0799	.0858	.0930	140.
150.	.0899	.0884	.0922	.0837	.0822	.0933	.0980	.0977	.0938	.0932	.0921	.0894	.0969	150.
160.	.1360	.1375	.1381	.1262	.1241	.1203	.1226	.1179	.1133	.1159	.1176	.1253	.1237	160.
170.	.2330	.2355	.2291	.2213	.2320	.2188	.2200	.2184	.2145	.2117	.2154	.2225	.2235	170.
180.	.5476	.5448	.5445	.5372	.5410	.5445	.5480	.5463	.5418	.5407	.5363	.5429	.5310	180.
190.	.3022	.3049	.2964	.2909	.3062	.2906	.2896	.2944	.2868	.2831	.2869	.2922	.2979	190.
200.	.1945	.1978	.1940	.1887	.1837	.1821	.1831	.1825	.1751	.1786	.1801	.1922	.1908	200.
210.	.1431	.1448	.1467	.1414	.1359	.1476	.1517	.1524	.1477	.1449	.1437	.1455	.1520	210.
220.	.1404	.1325	.1340	.1348	.1318	.1321	.1355	.1354	.1329	.1292	.1225	.1327	.1402	220.
240.	.1278	.1187	.1194	.1161	.1152	.1155	.1111	.1085	.1015	.1024	.1159	.1210	.1299	240.
270.	.1105	.1055	.1067	.1074	.0940	.0986	.0987	.0989	.0996	.1018	.1117	.1125	.1135	270.
300.	.1064	.0946	.1015	.0996	.0896	.0889	.0907	.0934	.0977	.1102	.1163	.1012	.1033	300.
320.	.0987	.0888	.0883	.0893	.0833	.0874	.0888	.0886	.0939	.0996	.0902	.0963	.1007	320.
330.	.0890	.0865	.0843	.0838	.0813	.0872	.0843	.0846	.0893	.0953	.0862	.0880	.0937	330.
340.	.0830	.0826	.0823	.0844	.0854	.0852	.0834	.0798	.0837	.0877	.0778	.0878	.0882	340.
350.	.0829	.0816	.0777	.0729	.0881	.0704	.0735	.0724	.0749	.0842	.0792	.0758	.0827	350.
						FOR ALPHA = 20.35 DEG								
0.	.0571	.0543	.0538	.0534	.0516	.0426	.0456	.0458	.0458	.0449	.0455	.0477	.0449	0.
10.	.0594	.0513	.0483	.0460	.0607	.0439	.0451	.0456	.0431	.0448	.0468	.0404	.0469	10.
20.	.0491	.0437	.0449	.0460	.0476	.0466	.0473	.0453	.0395	.0360	.0359	.0398	.0404	20.
30.	.0533	.0415	.0402	.0408	.0365	.0442	.0420	.0424	.0394	.0371	.0369	.0359	.0374	30.
40.	.0642	.0458	.0418	.0440	.0375	.0420	.0413	.0429	.0406	.0362	.0383	.0436	.0395	40.
60.	.0709	.0516	.0517	.0538	.0437	.0447	.0416	.0438	.0412	.0450	.0553	.0504	.0456	60.
90.	.0622	.0496	.0476	.0490	.0447	.0460	.0422	.0399	.0478	.0420	.0443	.0502	.0476	90.
120.	.0594	.0468	.0465	.0466	.0593	.0559	.0488	.0366	.0510	.0411	.0429	.0439	.0502	120.
140.	.0619	.0570	.0537	.0509	.0681	.0668	.0628	.0580	.0557	.0724	.0596	.0631	.0649	140.
150.	.0743	.0696	.0670	.0592	.0702	.0759	.0721	.0711	.0648	.0870	.0780	.0706	.0676	150.
160.	.1412	.1453	.1352	.1307	.1245	.1364	.1310	.1233	.1096	.1279	.1200	.1170	.1138	160.
170.	.2906	.2862	.2636	.2539	.2605	.2703	.2614	.2602	.2483	.2662	.2648	.2654	.2615	170.
180.	.6615	.6722	.6685	.6570	.6556	.6736	.6737	.6653	.6586	.6703	.6606	.6603	.6513	180.
190.	.3606	.3600	.3492	.3474	.3638	.3538	.3524	.3538	.3493	.3431	.3489	.3575	.3595	190.
200.	.2143	.2155	.2115	.2113	.2107	.2032	.2060	.2065	.1964	.1998	.1977	.1997	.2052	200.
210.	.1373	.1383	.1396	.1405	.1337	.1435	.1464	.1513	.1495	.1542	.1472	.1419	.1476	210.
220.	.1236	.1189	.1250	.1279	.1269	.1244	.1268	.1291	.1316	.1285	.1186	.1291	.1347	220.
240.	.1074	.0967	.1018	.1031	.1025	.1037	.1017	.0949	.0928	.0866	.0954	.1030	.1131	240.
270.	.0892	.0838	.0870	.0952	.0829	.0827	.0834	.0848	.0829	.0770	.0833	.0901	.0930	270.
300.	.0824	.0710	.0812	.0885	.0704	.0663	.0694	.0730	.0670	.0709	.0809	.0731	.0752	300.
320.	.0703	.0607	.0633	.0723	.0564	.0545	.0554	.0612	.0600	.0539	.0505	.0607	.0652	320.
330.	.0557	.0515	.0564	.0624	.0474	.0503	.0497	.0518	.0518	.0510	.0466	.0518	.0558	330.
340.	.0443	.0476	.0542	.0586	.0486	.0429	.0455	.0457	.0462	.0424	.0358	.0480	.0495	340.
350.	.0480	.0490	.0459	.0444	.0502	.0313	.0350	.0353	.0334	.0365	.0391	.0396	.0470	350.

TABLE III. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.65 DEG								
0.	.2968	.2894	.2963	.2891	.2882	.2938	.2964	.2983	.3019	.2960	.2934	.2933	.2922	.2978
10.			.0942	.0900	.0877	.0873	.1024	.1035	.1018	.1074	.1054	.0996	.1041	.1094
20.		.0841	.0799	.0668	.0655	.0662	.0798	.0824	.0807	.0797	.0773	.0783	.0837	.0849
30.				.0676	.0672	.0672	.0817	.0800	.0760	.0812	.0779	.0766	.0840	.0809
40.	.0835	.0819	.0797	.0694	.0701	.0768	.0814	.0815	.0794	.0806	.0808	.0768	.0818	.0828
60.			.0768	.0728	.0721	.0755	.0805	.0817	.0811	.0794	.0867	.0818	.0810	.0880
90.	.0872	.0824		.0741	.0718	.0739	.0808	.0819	.2107	.0829	.0770	.0846	.0832	.0809
120.			.0586	.0771	.0694	.0686	.0779	.0790	.0783	.0774	.0825	.0782	.0754	.0853
140.	.0831	.0836	.1061	.0753	.0699	.0718	.0807	.0823	.0806	.0794	.0812	.0735	.0823	.0874
150.				.0715	.0692	.0698	.0813	.0813	.0796	.0794	.0756	.0726	.0851	.0850
160.		.0862	.0786	.0683	.0686	.0691	.0799	.0839	.0792	.0762	.0725	.0727	.0803	.0871
170.			.0645	.0677	.0664	.0630	.0772	.0801	.0775	.0773	.0712	.0680	.0753	.0787
180.	.1468	.1377	.1421	.1306	.1321	.1329	.1362	.1392	.1440	.1376	.1324	.1318	.1336	.1418
190.			.1638	.1619	.1601	.1549	.1658	.1679	.1675	.1692	.1661	.1617	.1657	.1668
200.		.1773	.1578	.1562	.1565	.1522	.1607	.1620	.1589	.1613	.1591	.1589	.1637	.1662
210.				.1554	.1558	.1515	.1571	.1584	.1572	.1589	.1587	.1546	.1690	.1634
220.	.1725	.1753	.1454	.1570	.1553	.1520	.1567	.1581	.1577	.1576	.1634	.1544	.1639	.1684
240.			.1440	.1600	.1562	.1516	.1556	.1564	.1571	.1575	.1650	.1619	.1561	.1681
270.	.1812	.1725		.1631	.1630	.1618	.1664	.1681	.2352	.1704	.1647	.1722	.1688	.1682
300.			.1696	.1680	.1687	.1701	.1740	.1768	.1790	.1763	.1816	.1775	.1733	.1834
320.	.1881	.1841	.1809	.1740	.1749	.1810	.1835	.1871	.1898	.1884	.1886	.1823	.1898	.1933
330.				.1807	.1822	.1825	.1940	.1958	.1952	.1969	.1925	.1886	.2015	.1962
340.		.2132	.1980	.1957	.1969	.1982	.2110	.2131	.2147	.2105	.2088	.2068	.2116	.2150
350.			.2433	.2438	.2423	.2401	.2578	.2551	.2587	.2616	.2557	.2519	.2557	.2555
						FOR ALPHA = -2.65 DEG								
0.	.2586	.2522	.2583	.2533	.2548	.2571	.2578	.2600	.2641	.2585	.2546	.2548	.2553	.2596
10.			.0901	.0859	.0858	.0801	.0978	.0978	.0993	.1011	.0991	.0946	.1006	.1028
20.		.0871	.0822	.0705	.0699	.0695	.0841	.0855	.0845	.0806	.0776	.0780	.0865	.0899
30.				.0718	.0743	.0738	.0849	.0836	.0805	.0833	.0807	.0779	.0883	.0864
40.	.0885	.0862	.0834	.0744	.0771	.0833	.0868	.0859	.0828	.0833	.0857	.0802	.0857	.0878
60.			.0572	.0779	.0792	.0807	.0839	.0837	.0826	.0811	.0904	.0850	.0822	.0902
90.	.0912	.0856		.0792	.0760	.0768	.0844	.0859	.2047	.0860	.0813	.0886	.0852	.0827
120.			.0636	.0782	.0721	.0709	.0800	.0837	.0818	.0806	.0857	.0835	.0793	.0882
140.	.0878	.0866	.1139	.0745	.0721	.0723	.0819	.0859	.0845	.0817	.0839	.0778	.0855	.0902
150.				.0707	.0709	.0717	.0822	.0854	.0828	.0827	.0787	.0760	.0893	.0867
160.		.0880	.0691	.0685	.0705	.0695	.0804	.0861	.0823	.0795	.0757	.0749	.0824	.0882
170.			.0676	.0708	.0677	.0655	.0794	.0831	.0847	.0850	.0762	.0718	.0781	.0803
180.	.1718	.1620	.1673	.1566	.1577	.1601	.1624	.1626	.1674	.1647	.1616	.1596	.1573	.1653
190.			.1766	.1738	.1750	.1711	.1838	.1830	.1830	.1820	.1810	.1791	.1842	.1846
200.		.1778	.1652	.1638	.1648	.1627	.1726	.1728	.1682	.1690	.1646	.1674	.1756	.1799
210.				.1621	.1615	.1587	.1650	.1654	.1640	.1645	.1627	.1593	.1761	.1727
220.	.1785	.1775	.1586	.1617	.1599	.1574	.1620	.1645	.1641	.1633	.1674	.1592	.1683	.1747
240.			.1402	.1648	.1598	.1562	.1594	.1614	.1621	.1620	.1675	.1639	.1590	.1701
270.	.1849	.1759		.1679	.1661	.1643	.1684	.1695	.2269	.1737	.1662	.1740	.1705	.1682
300.			.1709	.1717	.1709	.1710	.1756	.1747	.1784	.1756	.1825	.1763	.1708	.1797
320.	.1882	.1849	.1807	.1755	.1760	.1790	.1849	.1860	.1872	.1833	.1877	.1789	.1866	.1893
330.				.1789	.1811	.1801	.1926	.1925	.1901	.1902	.1877	.1838	.1959	.1919
340.		.2050	.1887	.1896	.1935	.1924	.2056	.2077	.2074	.2025	.1981	.1975	.2041	.2092
350.			.2263	.2270	.2256	.2237	.2399	.2401	.2416	.2434	.2340	.2317	.2386	.2384
						FOR ALPHA = -1.65 DEG								
0.	.2415	.2366	.2416	.2364	.2314	.2384	.2408	.2429	.2455	.2390	.2367	.2382	.2373	.2419
10.			.0902	.0865	.0816	.0791	.0968	.0959	.0965	.0999	.0933	.0911	.0961	.1002
20.		.0906	.0836	.0742	.0703	.0731	.0847	.0862	.0838	.0819	.0789	.0795	.0878	.0909
30.				.0758	.0754	.0766	.0864	.0856	.0816	.0847	.0822	.0787	.0902	.0892
40.	.0913	.0897	.0831	.0779	.0778	.0826	.0878	.0878	.0851	.0867	.0881	.0815	.0874	.0921
60.			.0618	.0819	.0799	.0815	.0856	.0845	.0829	.0833	.0902	.0851	.0813	.0915
90.	.0927	.0866		.0818	.0769	.0773	.0848	.0865	.2027	.0865	.0822	.0890	.0858	.0840
120.			.0621	.0793	.0724	.0719	.0815	.0858	.0833	.0806	.0866	.0839	.0807	.0885
140.	.0889	.0874	.1118	.0739	.0720	.0730	.0828	.0869	.0851	.0829	.0854	.0795	.0872	.0910
150.				.0710	.0705	.0714	.0834	.0859	.0835	.0830	.0796	.0765	.0905	.0873
160.		.0884	.0697	.0671	.0684	.0700	.0811	.0877	.0841	.0803	.0770	.0767	.0841	.0896
170.			.0712	.0698	.0672	.0657	.0802	.0833	.0857	.0876	.0813	.0739	.0810	.0848
180.	.1862	.1765	.1824	.1713	.1723	.1747	.1766	.1787	.1827	.1788	.1767	.1766	.1748	.1794
190.			.1832	.1823	.1835	.1803	.1936	.1935	.1925	.1921	.1887	.1885	.1947	.1950
200.		.1827	.1676	.1700	.1705	.1681	.1779	.1793	.1755	.1743	.1705	.1725	.1813	.1852
210.				.1652	.1646	.1622	.1682	.1699	.1694	.1696	.1673	.1637	.1789	.1763
220.	.1802	.1784	.1655	.1633	.1628	.1598	.1651	.1694	.1685	.1677	.1712	.1621	.1716	.1774
240.			.1490	.1667	.1616	.1574	.1612	.1644	.1657	.1647	.1701	.1660	.1617	.1727
270.	.1860	.1769		.1667	.1655	.1650	.1704	.1713	.2256	.1749	.1679	.1752	.1700	.1680
300.			.1696	.1680	.1674	.1703	.1752	.1766	.1767	.1751	.1816	.1760	.1702	.1789
320.	.1860	.1821	.1743	.1706	.1700	.1781	.1832	.1850	.1858	.1819	.1846	.1770	.1834	.1877
330.				.1745	.1738	.1746	.1897	.1916	.1910	.1890	.1834	.1803	.1941	.1891
340.		.1995	.1821	.1837	.1856	.1851	.2019	.2063	.2042	.1992	.1942	.1937	.2028	.2061
350.			.2187	.2172	.2155	.2128	.2307	.2324	.2339	.2327	.2254	.2242	.2292	.2281

TABLE III. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.65 DEG								
0.	.2983	.2993	.3007	.2985	.2991	.3002	.3001	.2982	.2968	.2954	.2923	.3008	.2962	0.
10.	.1093	.1101	.1040	.1012	.1110	.0964	.0951	.0946	.0915	.0891	.0949	.1026	.1052	10.
20.	.0837	.0836	.0815	.0807	.0780	.0794	.0817	.0808	.0752	.0755	.0753	.0829	.0799	20.
30.	.0752	.0732	.0796	.0768	.0715	.0770	.0777	.0776	.0733	.0753	.0712	.0731	.0781	30.
40.	.0790	.0758	.0788	.0787	.0742	.0760	.0795	.0794	.0743	.0741	.0681	.0769	.0830	40.
60.	.0831	.0792	.0793	.0751	.0736	.0718	.0728	.0735	.0709	.0712	.0825	.0827	.0898	60.
90.	.0798	.0766	.0759	.0736	.0599	.0656	.0668	.0664	.0673	.0678	.0776	.0808	.0843	90.
120.	.0822	.0749	.0746	.0700	.0633	.0633	.0649	.0664	.0635	.0658	.0764	.0738	.0795	120.
140.	.0830	.0763	.0746	.0730	.0666	.0682	.0672	.0703	.0678	.0646	.0600	.0714	.0792	140.
150.	.0799	.0779	.0781	.0724	.0669	.0693	.0689	.0686	.0645	.0646	.0619	.0668	.0751	150.
160.	.0785	.0803	.0781	.0738	.0720	.0718	.0675	.0675	.0620	.0642	.0640	.0705	.0677	160.
170.	.0821	.0800	.0764	.0696	.0807	.0612	.0637	.0674	.0585	.0615	.0644	.0669	.0663	170.
180.	.1417	.1395	.1381	.1346	.1320	.1292	.1308	.1303	.1276	.1272	.1275	.1300	.1210	180.
190.	.1672	.1640	.1588	.1541	.1728	.1543	.1601	.1600	.1554	.1631	.1638	.1661	.1665	190.
200.	.1541	.1550	.1539	.1561	.1569	.1604	.1566	.1548	.1526	.1513	.1507	.1595	.1555	200.
210.	.1537	.1508	.1534	.1543	.1490	.1548	.1539	.1540	.1538	.1503	.1435	.1497	.1619	210.
220.	.1587	.1495	.1513	.1544	.1490	.1538	.1519	.1566	.1586	.1510	.1436	.1551	.1642	220.
240.	.1634	.1524	.1553	.1528	.1473	.1510	.1505	.1541	.1535	.1564	.1658	.1596	.1663	240.
270.	.1702	.1621	.1649	.1654	.1525	.1582	.1584	.1593	.1602	.1605	.1723	.1764	.1772	270.
300.	.1841	.1700	.1737	.1751	.1724	.1725	.1723	.1748	.1692	.1690	.1851	.1831	.1881	300.
320.	.1930	.1784	.1823	.1875	.1828	.1861	.1896	.1911	.1858	.1812	.1771	.1869	.1931	320.
330.	.1920	.1913	.1931	.1938	.1913	.1957	.1968	.1994	.1958	.1901	.1874	.1920	.1967	330.
340.	.2114	.2118	.2090	.2118	.2131	.2131	.2169	.2200	.2117	.2135	.2101	.2241	.2153	340.
350.	.2590	.2579	.2557	.2524	.2719	.2561	.2591	.2607	.2544	.2571	.2602	.2652	.2671	350.
						FOR ALPHA = -2.65 DEG								
0.	.2607	.2608	.2620	.2611	.2613	.2603	.2583	.2593	.2558	.2537	.2541	.2618	.2541	0.
10.	.1053	.1057	.0999	.0916	.1041	.0914	.0895	.0904	.0852	.0821	.0884	.0972	.0993	10.
20.	.0866	.0849	.0819	.0831	.0803	.0831	.0830	.0819	.0741	.0750	.0746	.0834	.0803	20.
30.	.0807	.0773	.0835	.0826	.0756	.0796	.0793	.0787	.0746	.0746	.0710	.0751	.0794	30.
40.	.0837	.0774	.0817	.0839	.0779	.0780	.0811	.0798	.0748	.0747	.0699	.0784	.0850	40.
60.	.0872	.0772	.0835	.0779	.0748	.0743	.0749	.0749	.0722	.0732	.0873	.0850	.0899	60.
90.	.0819	.0778	.0805	.0771	.0617	.0667	.0688	.0686	.0688	.0690	.0810	.0842	.0863	90.
120.	.0834	.0753	.0789	.0743	.0649	.0660	.0678	.0674	.0630	.0675	.0784	.0757	.0816	120.
140.	.0830	.0758	.0785	.0771	.0685	.0707	.0701	.0719	.0710	.0666	.0617	.0714	.0803	140.
150.	.0782	.0773	.0814	.0769	.0676	.0713	.0709	.0707	.0685	.0666	.0619	.0666	.0765	150.
160.	.0795	.0820	.0809	.0783	.0743	.0726	.0709	.0698	.0652	.0655	.0663	.0739	.0699	160.
170.	.0852	.0853	.0808	.0767	.0886	.0660	.0662	.0698	.0653	.0651	.0687	.0715	.0714	170.
180.	.1694	.1652	.1654	.1633	.1624	.1574	.1574	.1594	.1581	.1521	.1546	.1586	.1507	180.
190.	.1841	.1800	.1755	.1703	.1924	.1721	.1780	.1774	.1694	.1773	.1808	.1834	.1839	190.
200.	.1667	.1658	.1646	.1654	.1662	.1684	.1673	.1658	.1607	.1614	.1598	.1687	.1659	200.
210.	.1635	.1580	.1609	.1609	.1552	.1591	.1610	.1601	.1610	.1599	.1523	.1541	.1673	210.
220.	.1660	.1561	.1583	.1597	.1545	.1578	.1572	.1586	.1626	.1585	.1510	.1603	.1678	220.
240.	.1674	.1570	.1599	.1574	.1502	.1517	.1531	.1542	.1541	.1587	.1709	.1654	.1722	240.
270.	.1707	.1640	.1669	.1678	.1537	.1599	.1594	.1610	.1612	.1617	.1742	.1787	.1780	270.
300.	.1826	.1700	.1732	.1760	.1734	.1720	.1744	.1759	.1694	.1714	.1861	.1834	.1849	300.
320.	.1871	.1760	.1789	.1868	.1822	.1836	.1848	.1888	.1847	.1777	.1735	.1848	.1894	320.
330.	.1870	.1850	.1896	.1911	.1889	.1926	.1922	.1943	.1878	.1854	.1819	.1883	.1929	330.
340.	.2013	.2029	.2006	.2050	.2061	.2087	.2073	.2082	.2019	.2012	.2015	.2124	.2052	340.
350.	.2416	.2422	.2382	.2322	.2516	.2390	.2383	.2432	.2361	.2363	.2402	.2440	.2496	350.
						FOR ALPHA = -1.65 DEG								
0.	.2447	.2434	.2451	.2432	.2433	.2411	.2412	.2407	.2392	.2361	.2350	.2425	.2348	0.
10.	.1022	.1043	.0973	.0878	.1036	.0885	.0853	.0868	.0826	.0826	.0873	.0942	.0946	10.
20.	.0876	.0873	.0823	.0830	.0827	.0832	.0829	.0800	.0741	.0756	.0733	.0831	.0797	20.
30.	.0822	.0795	.0830	.0833	.0758	.0801	.0798	.0785	.0759	.0750	.0691	.0729	.0794	30.
40.	.0878	.0793	.0837	.0848	.0776	.0792	.0801	.0799	.0768	.0744	.0685	.0771	.0840	40.
60.	.0888	.0784	.0842	.0795	.0736	.0743	.0748	.0747	.0718	.0739	.0867	.0843	.0910	60.
90.	.0832	.0785	.0813	.0786	.0631	.0679	.0695	.0691	.0694	.0693	.0812	.0850	.0867	90.
120.	.0837	.0747	.0787	.0747	.0666	.0656	.0682	.0686	.0637	.0676	.0789	.0768	.0826	120.
140.	.0832	.0760	.0788	.0788	.0692	.0712	.0717	.0724	.0699	.0677	.0624	.0721	.0802	140.
150.	.0791	.0761	.0807	.0788	.0682	.0722	.0714	.0707	.0689	.0678	.0629	.0668	.0759	150.
160.	.0801	.0810	.0814	.0803	.0749	.0733	.0706	.0699	.0653	.0665	.0655	.0745	.0712	160.
170.	.0847	.0879	.0835	.0786	.0919	.0694	.0679	.0714	.0664	.0677	.0717	.0741	.0739	170.
180.	.1831	.1806	.1802	.1774	.1788	.1750	.1732	.1749	.1725	.1703	.1705	.1750	.1678	180.
190.	.1946	.1897	.1862	.1799	.2010	.1829	.1869	.1897	.1795	.1852	.1915	.1937	.1941	190.
200.	.1737	.1725	.1708	.1709	.1713	.1728	.1729	.1730	.1665	.1693	.1674	.1742	.1715	200.
210.	.1683	.1643	.1663	.1650	.1588	.1629	.1668	.1636	.1641	.1656	.1582	.1597	.1707	210.
220.	.1697	.1609	.1626	.1642	.1570	.1604	.1610	.1617	.1638	.1618	.1560	.1655	.1721	220.
240.	.1702	.1599	.1624	.1608	.1534	.1548	.1550	.1564	.1550	.1605	.1743	.1687	.1757	240.
270.	.1726	.1654	.1680	.1686	.1557	.1613	.1613	.1618	.1621	.1630	.1767	.1800	.1782	270.
300.	.1814	.1698	.1736	.1757	.1735	.1731	.1742	.1741	.1696	.1712	.1864	.1822	.1837	300.
320.	.1854	.1735	.1797	.1861	.1811	.1821	.1834	.1861	.1832	.1767	.1736	.1851	.1880	320.
330.	.1851	.1837	.1873	.1882	.1870	.1900	.1903	.1895	.1850	.1830	.1802	.1850	.1899	330.
340.	.1989	.2003	.1994	.2003	.2042	.2059	.2033	.2052	.1975	.1958	.1962	.2078	.1999	340.
350.	.2344	.2344	.2295	.2235	.2436	.2285	.2299	.2326	.2274	.2284	.2306	.2372	.2383	350.

TABLE III. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -.65 DEG								
0.	.2258	.2207	.2224	.2181	.2163	.2210	.2233	.2251	.2272	.2224	.2205	.2217	.2211	.2270
10.			.0852	.0819	.0794	.0766	.0953	.0937	.0922	.0955	.0935	.0905	.0955	.1003
20.		.0888	.0817	.0726	.0725	.0719	.0848	.0870	.0856	.0833	.0823	.0827	.0890	.0939
30.				.0739	.0759	.0763	.0872	.0872	.0844	.0866	.0838	.0807	.0929	.0907
40.	.0892	.0880	.0845	.0774	.0783	.0823	.0866	.0889	.0880	.0859	.0891	.0827	.0902	.0955
60.			.0609	.0823	.0791	.0806	.0855	.0849	.0845	.0844	.0893	.0851	.0825	.0928
90.	.0922	.0852		.0824	.0773	.0779	.0853	.0864	.2008	.0875	.0816	.0895	.0863	.0839
120.			.0598	.0796	.0727	.0730	.0813	.0858	.0838	.0804	.0866	.0846	.0816	.0888
140.	.0902	.0871	.1139	.0741	.0718	.0729	.0824	.0880	.0862	.0825	.0857	.0801	.0885	.0912
150.				.0713	.0697	.0706	.0825	.0867	.0847	.0830	.0799	.0781	.0915	.0879
160.		.0876	.0728	.0686	.0653	.0684	.0805	.0873	.0859	.0804	.0774	.0779	.0850	.0889
170.			.0732	.0722	.0681	.0662	.0806	.0844	.0879	.0906	.0836	.0781	.0834	.0864
180.	.2013	.1915	.1973	.1840	.1842	.1873	.1907	.1916	.1953	.1910	.1909	.1914	.1882	.1932
190.			.1874	.1861	.1879	.1827	.2004	.1983	.1981	.1959	.1968	.1937	.1998	.2003
200.		.1870	.1693	.1673	.1705	.1671	.1811	.1815	.1769	.1756	.1760	.1749	.1802	.1866
210.				.1625	.1637	.1605	.1708	.1695	.1692	.1693	.1707	.1642	.1791	.1747
220.	.1820	.1786	.1686	.1603	.1608	.1625	.1662	.1670	.1674	.1660	.1738	.1620	.1702	.1761
240.			.1494	.1615	.1589	.1586	.1610	.1619	.1638	.1619	.1728	.1634	.1595	.1702
270.	.1883	.1793		.1664	.1636	.1649	.1702	.1705	.2217	.1751	.1684	.1733	.1678	.1666
300.			.1664	.1702	.1678	.1697	.1751	.1760	.1779	.1741	.1793	.1750	.1685	.1785
320.	.1881	.1841	.1739	.1707	.1709	.1741	.1821	.1837	.1841	.1814	.1826	.1734	.1817	.1860
330.				.1730	.1736	.1723	.1864	.1893	.1884	.1860	.1804	.1773	.1922	.1853
340.		.1988	.1809	.1808	.1821	.1827	.1980	.2031	.1997	.1947	.1921	.1910	.1975	.2013
350.			.2150	.2104	.2081	.2044	.2218	.2250	.2245	.2223	.2184	.2164	.2209	.2213
						FOR ALPHA = .35 DEG								
0.	.2101	.2035	.2043	.1960	.1996	.2024	.2072	.2079	.2115	.2071	.2043	.2065	.2063	.2114
10.			.0838	.0812	.0786	.0753	.0932	.0928	.0923	.0970	.0921	.0891	.0975	.0989
20.		.0904	.0776	.0734	.0734	.0747	.0862	.0893	.0873	.0850	.0858	.0833	.0912	.0969
30.				.0757	.0771	.0768	.0895	.0887	.0859	.0872	.0852	.0826	.0952	.0935
40.	.0909	.0889	.0793	.0788	.0791	.0823	.0874	.0885	.0878	.0873	.0889	.0835	.0910	.0966
60.			.0635	.0834	.0802	.0802	.0854	.0860	.0854	.0838	.0905	.0864	.0832	.0931
90.	.0921	.0859		.0827	.0787	.0774	.0850	.0874	.2007	.0875	.0822	.0885	.0863	.0848
120.			.0616	.0789	.0749	.0720	.0802	.0857	.0841	.0814	.0869	.0831	.0820	.0888
140.	.0890	.0865	.1048	.0741	.0728	.0727	.0819	.0877	.0865	.0821	.0853	.0797	.0888	.0915
150.				.0711	.0697	.0707	.0832	.0863	.0848	.0829	.0797	.0768	.0920	.0874
160.		.0874	.0711	.0678	.0643	.0661	.0781	.0860	.0859	.0805	.0771	.0774	.0863	.0909
170.			.0746	.0737	.0697	.0666	.0824	.0836	.0881	.0909	.0833	.0792	.0851	.0887
180.	.2165	.2069	.2145	.2018	.2009	.2039	.2058	.2073	.2133	.2088	.2046	.2034	.2051	.2109
190.			.1982	.1972	.1976	.1940	.2075	.2084	.2102	.2099	.2053	.2016	.2094	.2126
200.		.1912	.1746	.1724	.1760	.1743	.1857	.1884	.1866	.1847	.1814	.1800	.1878	.1940
210.				.1664	.1685	.1664	.1749	.1760	.1747	.1766	.1730	.1684	.1838	.1809
220.	.1844	.1796	.1722	.1648	.1663	.1642	.1692	.1718	.1723	.1714	.1758	.1655	.1751	.1809
240.			.1615	.1651	.1625	.1606	.1653	.1662	.1675	.1671	.1729	.1668	.1616	.1733
270.	.1878	.1773		.1665	.1645	.1662	.1714	.1729	.2241	.1755	.1672	.1745	.1691	.1675
300.			.1607	.1669	.1628	.1683	.1742	.1757	.1774	.1734	.1780	.1729	.1673	.1769
320.	.1832	.1805	.1721	.1657	.1663	.1714	.1789	.1835	.1831	.1781	.1812	.1726	.1793	.1839
330.				.1683	.1678	.1657	.1840	.1870	.1847	.1822	.1785	.1762	.1886	.1850
340.		.1918	.1744	.1751	.1758	.1733	.1948	.2006	.1936	.1907	.1882	.1886	.1922	.1972
350.			.2042	.1983	.1970	.1908	.2144	.2183	.2146	.2160	.2114	.2090	.2131	.2139
						FOR ALPHA = 1.35 DEG								
0.	.1971	.1879	.1878	.1800	.1807	.1851	.1908	.1928	.1953	.1911	.1903	.1915	.1916	.1951
10.			.0835	.0777	.0771	.0754	.0921	.0919	.0919	.0963	.0925	.0891	.0967	.0987
20.		.0923	.0772	.0733	.0732	.0762	.0887	.0915	.0864	.0865	.0869	.0852	.0916	.0977
30.				.0758	.0769	.0782	.0899	.0879	.0855	.0889	.0871	.0830	.0955	.0949
40.	.0925	.0922	.0748	.0784	.0793	.0839	.0884	.0878	.0864	.0886	.0912	.0844	.0907	.0983
60.			.0649	.0839	.0792	.0812	.0855	.0851	.0844	.0853	.0908	.0866	.0837	.0951
90.	.0931	.0871		.0817	.0781	.0783	.0852	.0865	.2016	.0884	.0826	.0885	.0859	.0857
120.			.0637	.0773	.0745	.0737	.0808	.0843	.0838	.0819	.0864	.0835	.0809	.0896
140.	.0885	.0858	.1154	.0723	.0731	.0731	.0816	.0872	.0869	.0827	.0847	.0800	.0887	.0916
150.				.0685	.0701	.0707	.0817	.0867	.0839	.0834	.0797	.0769	.0913	.0870
160.		.0871	.0691	.0658	.0643	.0650	.0767	.0852	.0849	.0800	.0752	.0766	.0853	.0894
170.			.0776	.0761	.0709	.0682	.0840	.0864	.0887	.0914	.0843	.0805	.0861	.0907
180.	.2338	.2241	.2328	.2196	.2172	.2207	.2217	.2240	.2292	.2252	.2214	.2199	.2214	.2265
190.			.2083	.2051	.2045	.2032	.2156	.2158	.2174	.2182	.2128	.2092	.2172	.2191
200.		.1967	.1766	.1771	.1789	.1795	.1909	.1923	.1903	.1888	.1854	.1834	.1917	.1975
210.				.1688	.1698	.1695	.1782	.1793	.1779	.1808	.1760	.1713	.1855	.1821
220.	.1868	.1813	.1688	.1670	.1657	.1665	.1722	.1750	.1757	.1742	.1779	.1681	.1764	.1818
240.			.1615	.1650	.1634	.1620	.1663	.1674	.1688	.1675	.1743	.1680	.1635	.1754
270.	.1889	.1789		.1646	.1630	.1645	.1706	.1728	.2228	.1737	.1671	.1735	.1685	.1674
300.			.1542	.1658	.1614	.1644	.1731	.1747	.1746	.1688	.1769	.1701	.1649	.1758
320.	.1840	.1803	.1688	.1637	.1620	.1676	.1771	.1792	.1765	.1744	.1793	.1680	.1749	.1813
330.				.1655	.1631	.1597	.1818	.1822	.1790	.1787	.1760	.1710	.1828	.1801
340.		.1879	.1707	.1696	.1700	.1678	.1903	.1933	.1861	.1853	.1822	.1812	.1863	.1921
350.			.1942	.1861	.1871	.1828	.2059	.2074	.2050	.2050	.2028	.1997	.2043	.2037

TABLE III. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.65 DEG								
0.	.2289	.2263	.2277	.2269	.2246	.2236	.2241	.2229	.2213	.2205	.2198	.2251	.2185	0.
10.	.1012	.1002	.0958	.0887	.1017	.0848	.0843	.0850	.0801	.0806	.0873	.0898	.0901	10.
20.	.0905	.0884	.0822	.0845	.0829	.0815	.0793	.0788	.0722	.0736	.0725	.0816	.0772	20.
30.	.0853	.0826	.0842	.0833	.0750	.0769	.0792	.0793	.0739	.0727	.0692	.0728	.0794	30.
40.	.0906	.0813	.0838	.0850	.0763	.0773	.0775	.0799	.0767	.0728	.0681	.0777	.0843	40.
60.	.0900	.0788	.0844	.0800	.0743	.0740	.0736	.0744	.0716	.0725	.0857	.0843	.0907	60.
90.	.0835	.0783	.0823	.0794	.0636	.0687	.0691	.0687	.0689	.0689	.0808	.0853	.0871	90.
120.	.0838	.0754	.0793	.0756	.0672	.0662	.0677	.0688	.0642	.0664	.0788	.0764	.0826	120.
140.	.0832	.0758	.0780	.0793	.0699	.0711	.0720	.0728	.0690	.0670	.0626	.0718	.0797	140.
150.	.0792	.0767	.0798	.0790	.0691	.0722	.0718	.0701	.0685	.0678	.0628	.0666	.0751	150.
160.	.0820	.0809	.0794	.0815	.0759	.0719	.0712	.0703	.0654	.0675	.0663	.0742	.0712	160.
170.	.0878	.0881	.0860	.0805	.0938	.0726	.0694	.0742	.0682	.0700	.0732	.0754	.0745	170.
180.	.1949	.1932	.1937	.1909	.1908	.1910	.1894	.1874	.1879	.1845	.1843	.1903	.1802	180.
190.	.2055	.1971	.1901	.1841	.2054	.1894	.1926	.1953	.1852	.1936	.1968	.1990	.1971	190.
200.	.1788	.1771	.1723	.1715	.1709	.1772	.1735	.1730	.1668	.1740	.1701	.1755	.1704	200.
210.	.1700	.1665	.1666	.1644	.1625	.1648	.1653	.1621	.1613	.1680	.1597	.1597	.1695	210.
220.	.1716	.1612	.1615	.1628	.1600	.1603	.1591	.1607	.1599	.1641	.1549	.1643	.1710	220.
240.	.1717	.1579	.1607	.1569	.1551	.1544	.1519	.1533	.1561	.1603	.1706	.1662	.1728	240.
270.	.1722	.1644	.1659	.1673	.1565	.1610	.1598	.1601	.1625	.1626	.1747	.1785	.1754	270.
300.	.1795	.1682	.1735	.1742	.1727	.1718	.1735	.1743	.1682	.1710	.1857	.1801	.1831	300.
320.	.1839	.1719	.1776	.1844	.1803	.1809	.1811	.1838	.1803	.1742	.1715	.1827	.1853	320.
330.	.1830	.1812	.1848	.1863	.1836	.1873	.1865	.1856	.1834	.1802	.1761	.1807	.1860	330.
340.	.1958	.1972	.1947	.1960	.1982	.2018	.1965	.1986	.1919	.1899	.1899	.2017	.1928	340.
350.	.2264	.2258	.2205	.2151	.2359	.2198	.2200	.2240	.2171	.2209	.2227	.2286	.2263	350.
						FOR ALPHA = .35 DEG								
0.	.2126	.2114	.2145	.2103	.2089	.2084	.2078	.2066	.2072	.2048	.2033	.2088	.2007	0.
10.	.1002	.1001	.0929	.0869	.1015	.0823	.0822	.0858	.0788	.0792	.0836	.0863	.0865	10.
20.	.0912	.0889	.0832	.0843	.0818	.0816	.0785	.0782	.0710	.0722	.0729	.0809	.0779	20.
30.	.0859	.0830	.0855	.0818	.0737	.0786	.0785	.0781	.0745	.0714	.0680	.0732	.0791	30.
40.	.0913	.0803	.0845	.0843	.0753	.0773	.0786	.0800	.0757	.0725	.0679	.0769	.0835	40.
60.	.0902	.0802	.0851	.0818	.0732	.0740	.0750	.0742	.0711	.0727	.0846	.0828	.0917	60.
90.	.0838	.0788	.0824	.0798	.0637	.0687	.0699	.0692	.0683	.0682	.0814	.0852	.0866	90.
120.	.0839	.0745	.0796	.0757	.0666	.0663	.0677	.0687	.0647	.0661	.0775	.0769	.0826	120.
140.	.0831	.0757	.0784	.0801	.0697	.0699	.0725	.0733	.0693	.0678	.0618	.0715	.0794	140.
150.	.0777	.0758	.0796	.0783	.0682	.0717	.0714	.0707	.0674	.0681	.0626	.0659	.0741	150.
160.	.0815	.0800	.0790	.0814	.0777	.0734	.0708	.0708	.0651	.0684	.0657	.0737	.0704	160.
170.	.0887	.0897	.0858	.0840	.0951	.0758	.0725	.0755	.0701	.0705	.0758	.0777	.0787	170.
180.	.2131	.2097	.2100	.2092	.2082	.2076	.2082	.2055	.2062	.2005	.2023	.2083	.1991	180.
190.	.2136	.2077	.2016	.1954	.2164	.1981	.2036	.2091	.1979	.2036	.2071	.2117	.2100	190.
200.	.1833	.1851	.1808	.1794	.1793	.1820	.1808	.1801	.1744	.1782	.1783	.1848	.1787	200.
210.	.1735	.1716	.1739	.1718	.1652	.1677	.1705	.1678	.1663	.1701	.1656	.1678	.1763	210.
220.	.1752	.1651	.1677	.1696	.1624	.1649	.1641	.1654	.1655	.1655	.1599	.1692	.1776	220.
240.	.1721	.1621	.1648	.1621	.1571	.1572	.1566	.1575	.1569	.1617	.1741	.1707	.1774	240.
270.	.1718	.1663	.1679	.1695	.1573	.1627	.1620	.1621	.1628	.1642	.1765	.1795	.1777	270.
300.	.1784	.1680	.1729	.1760	.1715	.1708	.1721	.1740	.1677	.1690	.1860	.1792	.1802	300.
320.	.1823	.1714	.1762	.1822	.1786	.1794	.1791	.1809	.1789	.1721	.1690	.1796	.1816	320.
330.	.1808	.1793	.1815	.1836	.1814	.1836	.1840	.1838	.1789	.1770	.1751	.1771	.1824	330.
340.	.1924	.1931	.1898	.1917	.1940	.1962	.1910	.1944	.1870	.1847	.1869	.1960	.1888	340.
350.	.2193	.2161	.2130	.2083	.2275	.2103	.2122	.2159	.2090	.2140	.2154	.2199	.2159	350.
						FOR ALPHA = 1.35 DEG								
0.	.1986	.1966	.1982	.1938	.1920	.1906	.1899	.1910	.1906	.1896	.1866	.1918	.1853	0.
10.	.0996	.0976	.0898	.0820	.0995	.0822	.0808	.0807	.0770	.0793	.0828	.0841	.0855	10.
20.	.0907	.0869	.0820	.0830	.0828	.0802	.0767	.0777	.0723	.0732	.0733	.0801	.0770	20.
30.	.0867	.0825	.0850	.0820	.0750	.0784	.0780	.0759	.0748	.0733	.0694	.0733	.0805	30.
40.	.0913	.0808	.0833	.0833	.0753	.0768	.0779	.0786	.0762	.0728	.0679	.0782	.0878	40.
60.	.0903	.0803	.0842	.0808	.0731	.0736	.0747	.0749	.0716	.0742	.0857	.0815	.0947	60.
90.	.0841	.0787	.0819	.0796	.0633	.0690	.0691	.0685	.0687	.0690	.0820	.0861	.0885	90.
120.	.0838	.0744	.0783	.0753	.0660	.0659	.0672	.0686	.0652	.0658	.0780	.0781	.0838	120.
140.	.0823	.0748	.0770	.0793	.0698	.0695	.0714	.0738	.0692	.0668	.0624	.0713	.0799	140.
150.	.0767	.0753	.0788	.0778	.0687	.0709	.0716	.0719	.0673	.0677	.0639	.0666	.0741	150.
160.	.0816	.0799	.0775	.0805	.0774	.0732	.0720	.0705	.0658	.0687	.0672	.0741	.0711	160.
170.	.0903	.0906	.0863	.0854	.0964	.0770	.0744	.0775	.0730	.0716	.0780	.0799	.0818	170.
180.	.2287	.2250	.2248	.2232	.2247	.2244	.2260	.2231	.2227	.2181	.2182	.2261	.2157	180.
190.	.2206	.2186	.2111	.2049	.2253	.2079	.2116	.2178	.2076	.2107	.2161	.2201	.2181	190.
200.	.1882	.1900	.1859	.1847	.1829	.1870	.1852	.1846	.1797	.1832	.1840	.1894	.1826	200.
210.	.1762	.1739	.1776	.1736	.1674	.1715	.1733	.1715	.1693	.1731	.1687	.1703	.1785	210.
220.	.1770	.1662	.1700	.1712	.1644	.1670	.1657	.1680	.1669	.1680	.1613	.1714	.1809	220.
240.	.1731	.1638	.1648	.1624	.1578	.1580	.1576	.1578	.1560	.1625	.1749	.1730	.1791	240.
270.	.1716	.1650	.1670	.1686	.1557	.1612	.1612	.1611	.1619	.1636	.1760	.1787	.1752	270.
300.	.1770	.1654	.1702	.1725	.1685	.1685	.1711	.1708	.1662	.1680	.1822	.1747	.1768	300.
320.	.1773	.1672	.1726	.1788	.1750	.1762	.1752	.1769	.1733	.1701	.1656	.1753	.1774	320.
330.	.1771	.1752	.1776	.1787	.1778	.1788	.1777	.1783	.1740	.1736	.1698	.1709	.1777	330.
340.	.1861	.1871	.1851	.1861	.1855	.1907	.1843	.1880	.1815	.1789	.1807	.1883	.1788	340.
350.	.2104	.2075	.2027	.1959	.2180	.1995	.2015	.2049	.1996	.2040	.2038	.2087	.2051	350.

TABLE III. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.35 DEG								
0.	.1824	.1733	.1709	.1651	.1667	.1700	.1768	.1802	.1821	.1787	.1776	.1790	.1772	.1824
10.			.0837	.0784	.0773	.0754	.0902	.0917	.0920	.0948	.0893	.0884	.0941	.0966
20.		.0928	.0780	.0745	.0774	.0764	.0894	.0905	.0866	.0864	.0855	.0866	.0913	.0994
30.				.0763	.0798	.0769	.0893	.0876	.0859	.0899	.0858	.0835	.0956	.0953
40.	.0928	.0945	.0777	.0795	.0815	.0831	.0881	.0872	.0861	.0877	.0916	.0837	.0908	.0977
60.			.0671	.0842	.0814	.0810	.0860	.0843	.0855	.0845	.0913	.0871	.0842	.0950
90.	.0926	.0879		.0815	.0784	.0783	.0857	.0859	.2037	.0878	.0820	.0883	.0858	.0849
120.			.0662	.0758	.0744	.0741	.0808	.0835	.0822	.0823	.0868	.0825	.0800	.0898
140.	.0875	.0852	.1240	.0703	.0726	.0740	.0820	.0869	.0858	.0834	.0849	.0798	.0878	.0908
150.				.0675	.0684	.0700	.0799	.0854	.0820	.0837	.0796	.0759	.0912	.0864
160.		.0860	.0704	.0650	.0627	.0647	.0757	.0834	.0833	.0782	.0746	.0745	.0847	.0883
170.			.0788	.0778	.0722	.0706	.0855	.0873	.0919	.0937	.0868	.0831	.0888	.0928
180.	.2510	.2416	.2510	.2384	.2369	.2389	.2393	.2404	.2470	.2428	.2377	.2371	.2360	.2440
190.			.2163	.2152	.2122	.2098	.2236	.2238	.2257	.2295	.2201	.2174	.2244	.2265
200.		.1997	.1807	.1803	.1831	.1846	.1947	.1969	.1956	.1943	.1899	.1878	.1961	.2023
210.				.1716	.1722	.1727	.1808	.1827	.1813	.1827	.1788	.1740	.1880	.1868
220.	.1863	.1813	.1772	.1686	.1687	.1690	.1752	.1769	.1780	.1769	.1786	.1699	.1787	.1846
240.			.1667	.1671	.1654	.1624	.1680	.1695	.1701	.1683	.1744	.1685	.1651	.1756
270.	.1863	.1778		.1658	.1634	.1634	.1722	.1740	.2253	.1739	.1680	.1741	.1695	.1692
300.			.1498	.1662	.1593	.1632	.1738	.1745	.1738	.1707	.1772	.1721	.1633	.1770
320.	.1814	.1801	.1657	.1624	.1588	.1664	.1775	.1790	.1755	.1747	.1781	.1659	.1742	.1816
330.				.1641	.1622	.1589	.1803	.1811	.1755	.1776	.1753	.1687	.1815	.1808
340.		.1856	.1688	.1664	.1678	.1638	.1854	.1879	.1834	.1820	.1798	.1789	.1829	.1901
350.			.1865	.1804	.1811	.1749	.1990	.2013	.1988	.1993	.1961	.1939	.1975	.1969
						FOR ALPHA = 3.34 DEG								
0.	.1678	.1595	.1575	.1509	.1527	.1557	.1652	.1663	.1687	.1658	.1643	.1664	.1628	.1687
10.			.0811	.0771	.0750	.0725	.0908	.0904	.0902	.0939	.0892	.0865	.0929	.0936
20.		.0947	.0760	.0747	.0779	.0776	.0878	.0890	.0878	.0870	.0861	.0854	.0907	.0975
30.				.0776	.0789	.0785	.0875	.0870	.0863	.0888	.0871	.0831	.0963	.0950
40.	.0915	.0932	.0765	.0811	.0798	.0825	.0871	.0867	.0872	.0890	.0904	.0827	.0917	.0971
60.			.0647	.0835	.0797	.0806	.0844	.0838	.0843	.0864	.0909	.0869	.0835	.0932
90.	.0928	.0874		.0801	.0777	.0791	.0847	.0851	.2055	.0869	.0819	.0875	.0854	.0844
120.			.0752	.0736	.0732	.0733	.0806	.0838	.0819	.0805	.0868	.0809	.0793	.0885
140.	.0855	.0838	.1226	.0689	.0714	.0725	.0828	.0854	.0843	.0827	.0832	.0790	.0860	.0883
150.				.0667	.0681	.0683	.0790	.0824	.0802	.0821	.0775	.0747	.0886	.0839
160.		.0847	.0699	.0634	.0618	.0644	.0739	.0813	.0807	.0761	.0724	.0738	.0841	.0856
170.			.0812	.0793	.0756	.0732	.0868	.0895	.0939	.0954	.0901	.0859	.0919	.0953
180.	.2671	.2583	.2684	.2565	.2514	.2559	.2561	.2579	.2641	.2601	.2555	.2546	.2543	.2634
190.			.2230	.2220	.2166	.2161	.2324	.2310	.2334	.2352	.2294	.2258	.2323	.2343
200.		.2023	.1833	.1840	.1842	.1864	.1993	.2012	.1977	.1966	.1938	.1923	.1991	.2056
210.				.1747	.1731	.1734	.1845	.1835	.1811	.1844	.1808	.1757	.1898	.1859
220.	.1868	.1826	.1804	.1704	.1696	.1700	.1768	.1780	.1783	.1770	.1807	.1719	.1787	.1853
240.			.1675	.1663	.1645	.1625	.1692	.1705	.1690	.1678	.1760	.1671	.1643	.1767
270.	.1856	.1769		.1645	.1621	.1637	.1719	.1724	.2273	.1733	.1669	.1732	.1683	.1689
300.			.1460	.1619	.1584	.1628	.1721	.1712	.1697	.1704	.1767	.1702	.1616	.1761
320.	.1802	.1817	.1574	.1622	.1585	.1650	.1729	.1751	.1720	.1727	.1769	.1636	.1711	.1799
330.				.1625	.1592	.1586	.1762	.1766	.1731	.1744	.1721	.1651	.1776	.1792
340.		.1806	.1641	.1656	.1639	.1612	.1814	.1829	.1782	.1772	.1740	.1746	.1758	.1853
350.			.1788	.1746	.1731	.1687	.1913	.1928	.1898	.1916	.1881	.1863	.1883	.1906
						FOR ALPHA = 5.35 DEG								
0.	.1407	.1328	.1311	.1236	.1277	.1320	.1385	.1395	.1440	.1423	.1372	.1375	.1354	.1439
10.			.0788	.0717	.0744	.0727	.0863	.0863	.0878	.0901	.0849	.0793	.0876	.0899
20.		.0936	.0776	.0727	.0754	.0756	.0862	.0882	.0872	.0871	.0838	.0826	.0908	.0931
30.				.0765	.0759	.0753	.0847	.0856	.0866	.0887	.0853	.0821	.0951	.0900
40.	.0898	.0894	.0668	.0792	.0772	.0796	.0845	.0846	.0865	.0874	.0898	.0817	.0903	.0923
60.			.0621	.0818	.0771	.0762	.0804	.0804	.0830	.0841	.0894	.0853	.0828	.0894
90.	.0905	.0837		.0764	.0754	.0773	.0816	.0822	.2128	.0841	.0790	.0846	.0837	.0812
120.			.0660	.0709	.0705	.0742	.0797	.0804	.0792	.0778	.0828	.0784	.0791	.0851
140.	.0829	.0807	.1137	.0658	.0685	.0729	.0787	.0791	.0771	.0788	.0771	.0735	.0797	.0806
150.				.0616	.0627	.0667	.0760	.0775	.0752	.0783	.0738	.0719	.0818	.0787
160.		.0840	.0716	.0593	.0583	.0629	.0743	.0788	.0778	.0751	.0715	.0727	.0823	.0820
170.			.0874	.0843	.0833	.0804	.0955	.0973	.0976	.1032	.0971	.0945	.1001	.1024
180.	.3053	.2966	.3045	.2952	.2912	.2958	.2954	.2966	.3018	.2983	.2938	.2933	.2933	.3043
190.			.2353	.2411	.2373	.2342	.2486	.2485	.2494	.2539	.2490	.2432	.2507	.2529
200.		.2100	.1974	.1895	.1917	.1934	.2034	.2066	.2042	.2013	.1995	.1973	.2054	.2124
210.				.1763	.1759	.1787	.1881	.1883	.1855	.1883	.1844	.1801	.1941	.1917
220.	.1899	.1846	.1821	.1710	.1712	.1727	.1780	.1805	.1797	.1788	.1803	.1742	.1823	.1883
240.			.1685	.1664	.1668	.1638	.1686	.1692	.1683	.1685	.1748	.1681	.1675	.1785
270.	.1844	.1727		.1628	.1619	.1644	.1699	.1691	.2331	.1723	.1642	.1704	.1689	.1678
300.			.1385	.1612	.1547	.1629	.1667	.1664	.1669	.1685	.1720	.1646	.1607	.1742
320.	.1738	.1728	.1396	.1571	.1534	.1621	.1685	.1684	.1680	.1679	.1695	.1561	.1693	.1758
330.				.1549	.1541	.1552	.1684	.1678	.1667	.1684	.1650	.1554	.1724	.1717
340.		.1779	.1563	.1555	.1560	.1554	.1710	.1709	.1695	.1690	.1639	.1620	.1673	.1739
350.			.1630	.1587	.1571	.1566	.1751	.1734	.1735	.1746	.1711	.1661	.1713	.1748

TABLE III. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.35 DEG								
0.	.1839	.1834	.1829	.1788	.1779	.1736	.1745	.1772	.1770	.1724	.1704	.1761	.1715	0.
10.	.0968	.0934	.0865	.0809	.0940	.0788	.0768	.0792	.0748	.0742	.0788	.0815	.0830	10.
20.	.0884	.0861	.0815	.0830	.0799	.0790	.0762	.0775	.0715	.0703	.0709	.0780	.0748	20.
30.	.0850	.0823	.0841	.0812	.0743	.0774	.0773	.0764	.0727	.0708	.0672	.0708	.0803	30.
40.	.0899	.0807	.0824	.0824	.0746	.0774	.0770	.0789	.0742	.0705	.0659	.0765	.0882	40.
60.	.0889	.0807	.0832	.0794	.0715	.0735	.0744	.0751	.0697	.0718	.0834	.0796	.0925	60.
90.	.0840	.0786	.0812	.0785	.0628	.0685	.0687	.0684	.0683	.0686	.0807	.0849	.0872	90.
120.	.0836	.0736	.0786	.0744	.0656	.0652	.0670	.0678	.0652	.0653	.0772	.0776	.0843	120.
140.	.0826	.0734	.0768	.0792	.0690	.0692	.0712	.0731	.0698	.0662	.0616	.0700	.0794	140.
150.	.0753	.0742	.0776	.0767	.0682	.0707	.0717	.0715	.0676	.0688	.0634	.0658	.0725	150.
160.	.0808	.0791	.0762	.0773	.0774	.0731	.0734	.0710	.0666	.0695	.0667	.0744	.0708	160.
170.	.0934	.0929	.0882	.0843	.0983	.0791	.0758	.0784	.0737	.0745	.0773	.0812	.0859	170.
180.	.2468	.2418	.2422	.2390	.2422	.2411	.2431	.2409	.2393	.2360	.2335	.2439	.2330	180.
190.	.2307	.2275	.2205	.2141	.2328	.2159	.2194	.2267	.2180	.2189	.2253	.2287	.2283	190.
200.	.1932	.1942	.1920	.1901	.1876	.1900	.1904	.1896	.1834	.1887	.1885	.1955	.1898	200.
210.	.1776	.1766	.1807	.1763	.1713	.1748	.1753	.1748	.1735	.1752	.1713	.1742	.1826	210.
220.	.1787	.1687	.1726	.1738	.1666	.1690	.1685	.1705	.1695	.1691	.1629	.1746	.1832	220.
240.	.1743	.1648	.1652	.1651	.1586	.1592	.1583	.1593	.1584	.1630	.1751	.1748	.1813	240.
270.	.1705	.1645	.1681	.1694	.1567	.1617	.1623	.1622	.1622	.1638	.1772	.1791	.1775	270.
300.	.1764	.1658	.1709	.1730	.1672	.1683	.1710	.1700	.1655	.1685	.1835	.1742	.1769	300.
320.	.1771	.1665	.1713	.1771	.1723	.1738	.1738	.1768	.1731	.1684	.1656	.1710	.1754	320.
330.	.1746	.1732	.1759	.1771	.1740	.1750	.1774	.1769	.1728	.1707	.1662	.1683	.1747	330.
340.	.1809	.1831	.1825	.1839	.1822	.1845	.1834	.1825	.1778	.1744	.1764	.1829	.1743	340.
350.	.2030	.2006	.1962	.1895	.2111	.1897	.1932	.1985	.1916	.1960	.1959	.1984	.1965	350.
						FOR ALPHA = 3.34 DEG								
0.	.1712	.1691	.1680	.1635	.1629	.1579	.1599	.1628	.1622	.1565	.1552	.1619	.1572	0.
10.	.0957	.0907	.0832	.0794	.0941	.0739	.0735	.0792	.0729	.0728	.0754	.0802	.0797	10.
20.	.0871	.0834	.0829	.0812	.0808	.0777	.0756	.0763	.0704	.0712	.0694	.0783	.0748	20.
30.	.0845	.0810	.0839	.0802	.0738	.0766	.0762	.0765	.0730	.0695	.0665	.0704	.0849	30.
40.	.0886	.0793	.0805	.0806	.0747	.0765	.0769	.0773	.0753	.0697	.0659	.0761	.0896	40.
60.	.0889	.0801	.0814	.0784	.0716	.0726	.0750	.0736	.0694	.0719	.0826	.0805	.0950	60.
90.	.0822	.0777	.0799	.0764	.0618	.0677	.0678	.0678	.0676	.0676	.0809	.0846	.0880	90.
120.	.0821	.0727	.0770	.0725	.0648	.0645	.0666	.0669	.0620	.0640	.0756	.0771	.0841	120.
140.	.0808	.0724	.0755	.0771	.0680	.0681	.0725	.0735	.0684	.0653	.0596	.0691	.0781	140.
150.	.0739	.0718	.0761	.0753	.0663	.0715	.0707	.0713	.0669	.0660	.0621	.0643	.0705	150.
160.	.0784	.0772	.0765	.0768	.0759	.0739	.0735	.0718	.0663	.0683	.0657	.0738	.0702	160.
170.	.0942	.0955	.0890	.0857	.0995	.0789	.0777	.0798	.0743	.0743	.0788	.0833	.0875	170.
180.	.2640	.2601	.2598	.2559	.2583	.2589	.2594	.2585	.2571	.2531	.2516	.2602	.2499	180.
190.	.2391	.2360	.2296	.2210	.2396	.2250	.2282	.2321	.2257	.2275	.2342	.2360	.2367	190.
200.	.1976	.1988	.1964	.1933	.1909	.1939	.1924	.1924	.1877	.1943	.1931	.1993	.1922	200.
210.	.1799	.1791	.1824	.1776	.1727	.1776	.1762	.1761	.1756	.1789	.1738	.1749	.1847	210.
220.	.1805	.1708	.1724	.1739	.1678	.1707	.1704	.1713	.1711	.1714	.1622	.1741	.1852	220.
240.	.1744	.1643	.1642	.1629	.1599	.1591	.1578	.1595	.1592	.1628	.1752	.1750	.1813	240.
270.	.1702	.1644	.1669	.1680	.1561	.1614	.1598	.1614	.1620	.1639	.1759	.1766	.1769	270.
300.	.1750	.1648	.1696	.1713	.1650	.1661	.1688	.1690	.1633	.1662	.1815	.1709	.1749	300.
320.	.1741	.1644	.1667	.1741	.1692	.1697	.1706	.1719	.1705	.1664	.1609	.1674	.1723	320.
330.	.1714	.1692	.1727	.1741	.1684	.1700	.1741	.1730	.1691	.1679	.1619	.1625	.1710	330.
340.	.1760	.1776	.1773	.1760	.1766	.1789	.1776	.1777	.1712	.1696	.1703	.1750	.1677	340.
350.	.1942	.1912	.1871	.1807	.2016	.1802	.1854	.1893	.1820	.1857	.1874	.1861	.1858	350.
						FOR ALPHA = 5.35 DEG								
0.	.1428	.1399	.1400	.1363	.1348	.1305	.1345	.1347	.1317	.1273	.1271	.1362	.1289	0.
10.	.0882	.0822	.0779	.0717	.0871	.0685	.0705	.0742	.0667	.0685	.0724	.0748	.0732	10.
20.	.0804	.0823	.0776	.0771	.0765	.0750	.0732	.0754	.0692	.0665	.0683	.0754	.0796	20.
30.	.0805	.0784	.0799	.0778	.0704	.0739	.0730	.0734	.0702	.0679	.0629	.0733	.0916	30.
40.	.0848	.0763	.0766	.0789	.0716	.0731	.0727	.0744	.0721	.0675	.0632	.0817	.0954	40.
60.	.0853	.0768	.0762	.0750	.0691	.0692	.0714	.0716	.0675	.0696	.0789	.0863	.0968	60.
90.	.0803	.0758	.0746	.0734	.0606	.0660	.0668	.0667	.0662	.0658	.0777	.0847	.0888	90.
120.	.0802	.0730	.0732	.0693	.0657	.0667	.0663	.0649	.0608	.0615	.0738	.0760	.0841	120.
140.	.0753	.0700	.0716	.0726	.0664	.0678	.0721	.0721	.0667	.0627	.0578	.0682	.0769	140.
150.	.0694	.0687	.0744	.0693	.0626	.0690	.0696	.0692	.0656	.0659	.0612	.0634	.0701	150.
160.	.0764	.0771	.0756	.0719	.0712	.0696	.0730	.0729	.0664	.0685	.0664	.0731	.0713	160.
170.	.1009	.1013	.0954	.0906	.1033	.0846	.0836	.0862	.0803	.0805	.0850	.0897	.0936	170.
180.	.3024	.2970	.2980	.2943	.2965	.2974	.2989	.2983	.2974	.2928	.2925	.2980	.2877	180.
190.	.2581	.2523	.2488	.2387	.2549	.2409	.2462	.2496	.2432	.2470	.2513	.2528	.2568	190.
200.	.2064	.2050	.2007	.1980	.1973	.1989	.2002	.2025	.1995	.2077	.2037	.2096	.2033	200.
210.	.1854	.1838	.1854	.1806	.1785	.1831	.1813	.1835	.1833	.1830	.1769	.1801	.1893	210.
220.	.1841	.1711	.1734	.1762	.1717	.1708	.1736	.1755	.1772	.1732	.1648	.1784	.1894	220.
240.	.1743	.1628	.1634	.1637	.1624	.1592	.1582	.1621	.1617	.1611	.1756	.1756	.1821	240.
270.	.1679	.1627	.1661	.1667	.1550	.1593	.1591	.1608	.1624	.1610	.1709	.1747	.1748	270.
300.	.1731	.1612	.1673	.1661	.1614	.1619	.1642	.1653	.1608	.1647	.1734	.1648	.1709	300.
320.	.1693	.1593	.1626	.1652	.1611	.1647	.1645	.1663	.1662	.1594	.1502	.1596	.1687	320.
330.	.1651	.1632	.1647	.1639	.1595	.1655	.1660	.1658	.1622	.1584	.1492	.1529	.1670	330.
340.	.1663	.1665	.1658	.1647	.1643	.1706	.1675	.1666	.1618	.1593	.1532	.1588	.1621	340.
350.	.1759	.1735	.1699	.1631	.1802	.1622	.1697	.1714	.1630	.1680	.1647	.1660	.1684	350.

TABLE III. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 10.35 DEG								
0.	.0935	.0894	.0889	.0744	.0792	.0820	.0890	.0890	.0909	.0873	.0828	.0813	.0803	.0856
10.			.0800	.0681	.0687	.0656	.0794	.0777	.0790	.0769	.0687	.0672	.0714	.0716
20.		.0906	.0678	.0721	.0735	.0703	.0808	.0808	.0804	.0782	.0695	.0709	.0742	.0769
30.				.0735	.0716	.0693	.0781	.0789	.0798	.0781	.0722	.0660	.0784	.0761
40.	.0781	.0816	.0497	.0740	.0705	.0728	.0781	.0777	.0801	.0773	.0756	.0669	.0733	.0787
60.			.0467	.0678	.0675	.0687	.0722	.0743	.0760	.0735	.0764	.0748	.0670	.0740
90.	.0759	.0713		.0631	.0661	.0662	.0698	.0691	.2423	.0699	.0653	.0734	.0729	.0683
120.			.0753	.0614	.0647	.0622	.0657	.0649	.0633	.0643	.0663	.0662	.0668	.0718
140.	.0693	.0636	.1045	.0556	.0557	.0574	.0632	.0622	.0611	.0640	.0621	.0589	.0657	.0646
150.				.0533	.0518	.0526	.0602	.0617	.0599	.0632	.0626	.0597	.0701	.0664
160.		.0792	.0660	.0547	.0539	.0551	.0617	.0649	.0691	.0667	.0639	.0655	.0771	.0794
170.			.1119	.1100	.1085	.1022	.1179	.1141	.1160	.1243	.1215	.1200	.1216	.1263
180.	.4134	.4096	.4113	.4043	.4004	.4043	.4020	.4023	.4089	.4046	.4036	.4060	.4078	.4124
190.			.2747	.2816	.2829	.2791	.2937	.2930	.2973	.3018	.2968	.2936	.3054	.3069
200.		.2292	.2149	.2099	.2039	.2059	.2176	.2199	.2196	.2166	.2145	.2179	.2268	.2312
210.				.1808	.1820	.1809	.1917	.1919	.1881	.1930	.1904	.1863	.2014	.1952
220.	.1932	.1853	.1803	.1683	.1728	.1734	.1776	.1800	.1775	.1789	.1782	.1722	.1801	.1828
240.			.1690	.1584	.1639	.1607	.1649	.1644	.1663	.1630	.1703	.1644	.1672	.1754
270.	.1733	.1597		.1514	.1553	.1550	.1597	.1579	.2575	.1606	.1557	.1642	.1631	.1615
300.			.1370	.1426	.1456	.1478	.1516	.1497	.1514	.1560	.1621	.1592	.1507	.1602
320.	.1490	.1451	.1284	.1404	.1387	.1434	.1473	.1458	.1474	.1503	.1533	.1411	.1488	.1567
330.				.1348	.1369	.1334	.1422	.1420	.1434	.1458	.1427	.1352	.1509	.1483
340.		.1421	.1343	.1294	.1312	.1258	.1385	.1398	.1365	.1388	.1328	.1350	.1390	.1427
350.			.1301	.1207	.1182	.1143	.1292	.1314	.1280	.1274	.1241	.1242	.1287	.1281
						FOR ALPHA = 15.36 DEG								
0.	.0586	.0644	.0552	.0423	.0461	.0451	.0526	.0521	.0516	.0490	.0467	.0456	.0456	.0516
10.			.0542	.0624	.0550	.0533	.0639	.0641	.0611	.0580	.0543	.0541	.0594	.0607
20.		.0727	.0439	.0623	.0545	.0521	.0631	.0634	.0604	.0593	.0519	.0545	.0591	.0625
30.				.0578	.0513	.0490	.0581	.0573	.0562	.0588	.0546	.0463	.0611	.0605
40.	.0566	.0603	.0309	.0534	.0488	.0516	.0565	.0548	.0566	.0578	.0605	.0474	.0527	.0620
60.			.0404	.0426	.0426	.0444	.0484	.0489	.0487	.0526	.0617	.0576	.0480	.0545
90.	.0573	.0489		.0392	.0414	.0438	.0479	.0471	.2889	.0472	.0437	.0492	.0517	.0522
120.			.0475	.0377	.0403	.0416	.0487	.0514	.0481	.0447	.0457	.0429	.0471	.0540
140.	.0571	.0416	.0651	.0315	.0320	.0355	.0440	.0469	.0456	.0424	.0397	.0357	.0422	.0428
150.				.0306	.0306	.0309	.0417	.0455	.0425	.0454	.0423	.0398	.0496	.0483
160.		.0820	.0593	.0485	.0439	.0435	.0535	.0605	.0639	.0582	.0550	.0539	.0691	.0714
170.			.1495	.1438	.1432	.1398	.1524	.1544	.1568	.1658	.1569	.1574	.1569	.1653
180.	.5443	.5388	.5401	.5285	.5247	.5293	.5270	.5290	.5356	.5310	.5285	.5308	.5288	.5339
190.			.3280	.3304	.3335	.3337	.3475	.3415	.3461	.3586	.3560	.3536	.3573	.3599
200.		.2462	.2393	.2277	.2234	.2247	.2317	.2338	.2380	.2343	.2364	.2387	.2475	.2509
210.				.1908	.1812	.1837	.1922	.1912	.1880	.1967	.1986	.1910	.2044	.2038
220.	.1867	.1733	.1740	.1699	.1678	.1704	.1750	.1743	.1715	.1746	.1761	.1703	.1787	.1832
240.			.1615	.1525	.1513	.1528	.1566	.1532	.1519	.1522	.1580	.1520	.1619	.1768
270.	.1537	.1402		.1355	.1383	.1393	.1423	.1421	.2983	.1428	.1416	.1495	.1523	.1556
300.			.1215	.1222	.1229	.1245	.1298	.1346	.1334	.1391	.1474	.1436	.1307	.1402
320.	.1210	.1109	.1029	.1136	.1113	.1149	.1215	.1231	.1230	.1275	.1282	.1148	.1179	.1293
330.				.1051	.1063	.1010	.1118	.1138	.1144	.1180	.1142	.1012	.1170	.1179
340.		.0986	.0882	.0962	.0949	.0888	.1014	.1052	.1005	.1030	.0962	.0956	.1015	.1046
350.			.0806	.0753	.0735	.0686	.0822	.0840	.0782	.0796	.0765	.0753	.0801	.0844
						FOR ALPHA = 20.35 DEG								
0.	.0380	.0411	.0390	.0316	.0345	.0351	.0408	.0416	.0402	.0385	.0381	.0390	.0375	.0398
10.			.0368	.0496	.0428	.0380	.0466	.0477	.0439	.0476	.0462	.0485	.0456	.0451
20.		.0518	.0139	.0440	.0382	.0323	.0410	.0417	.0386	.0440	.0420	.0444	.0406	.0419
30.				.0289	.0318	.0271	.0343	.0349	.0343	.0375	.0397	.0361	.0398	.0395
40.	.0278	.0356	.0086	.0216	.0256	.0279	.0296	.0288	.0294	.0362	.0412	.0384	.0323	.0400
60.			.0111	.0124	.0120	.0147	.0205	.0228	.0229	.0262	.0374	.0468	.0342	.0362
90.	.0275	.0181		.0095	.0111	.0124	.0174	.0173	.3491	.0196	.0175	.0260	.0301	.0263
120.			.0099	.0042	.0097	.0114	.0202	.0183	.0212	.0223	.0226	.0211	.0277	.0318
140.	.0403	.0136	-.0022	-.0014	.0029	.0083	.0135	.0140	.0158	.0170	.0119	.0122	.0209	.0180
150.				.0070	.0067	.0070	.0149	.0184	.0166	.0208	.0216	.0209	.0355	.0331
160.		.0997	.0617	.0497	.0474	.0485	.0541	.0602	.0637	.0565	.0571	.0563	.0781	.0797
170.			.1985	.1993	.1943	.1925	.2046	.2028	.2087	.2157	.2136	.2158	.2182	.2259
180.	.6902	.6835	.6848	.6621	.6709	.6719	.6641	.6664	.6752	.6687	.6662	.6692	.6647	.6720
190.			.3897	.3928	.3909	.3910	.4090	.4090	.4183	.4298	.4274	.4189	.4261	.4286
200.		.2745	.2643	.2392	.2439	.2444	.2509	.2626	.2686	.2631	.2645	.2625	.2791	.2815
210.				.1870	.1898	.1855	.1950	.1992	.1995	.2064	.2100	.2062	.2182	.2144
220.	.1822	.1671	.1601	.1658	.1650	.1618	.1705	.1737	.1772	.1796	.1777	.1788	.1839	.1834
240.			.1460	.1400	.1423	.1345	.1438	.1467	.1503	.1506	.1538	.1497	.1583	.1611
270.	.1342	.1196		.1164	.1191	.1164	.1215	.1264	.3662	.1239	.1204	.1273	.1334	.1358
300.			.0941	.0996	.0954	.0981	.1061	.1165	.1137	.1107	.1198	.1205	.1122	.1179
320.	.0893	.0747	.0810	.0810	.0769	.0840	.0967	.1003	.0924	.0923	.0952	.0832	.0868	.0958
330.				.0657	.0700	.0678	.0823	.0819	.0776	.0789	.0773	.0657	.0801	.0816
340.		.0577	.0477	.0532	.0546	.0472	.0639	.0660	.0592	.0592	.0544	.0539	.0617	.0607
350.			.0320	.0307	.0277	.0256	.0417	.0410	.0322	.0335	.0313	.0332	.0360	.0374

TABLE III. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONCLUDED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.35 DEG								
0.	.0854	.0847	.0853	.0805	.0787	.0731	.0759	.0766	.0752	.0754	.0804	.0870	.0790	0.
10.	.0742	.0703	.0668	.0594	.0741	.0577	.0622	.0611	.0611	.0752	.0733	.0699	.0711	10.
20.	.0677	.0685	.0683	.0676	.0671	.0673	.0662	.0662	.0670	.0699	.0640	.0730	.0734	20.
30.	.0675	.0649	.0670	.0671	.0620	.0650	.0640	.0694	.0735	.0685	.0595	.0653	.0754	30.
40.	.0712	.0615	.0632	.0665	.0618	.0642	.0624	.0694	.0745	.0705	.0589	.0668	.0726	40.
60.	.0715	.0601	.0651	.0653	.0573	.0583	.0604	.0636	.0685	.0748	.0750	.0675	.0704	60.
90.	.0645	.0618	.0655	.0676	.0531	.0575	.0566	.0570	.0618	.0633	.0691	.0724	.0712	90.
120.	.0668	.0582	.0628	.0641	.0609	.0584	.0550	.0542	.0512	.0545	.0662	.0707	.0766	120.
140.	.0564	.0522	.0581	.0632	.0582	.0570	.0615	.0615	.0595	.0578	.0529	.0626	.0706	140.
150.	.0512	.0477	.0516	.0538	.0491	.0599	.0594	.0584	.0570	.0576	.0561	.0596	.0662	150.
160.	.0734	.0695	.0662	.0632	.0639	.0599	.0644	.0669	.0578	.0627	.0610	.0699	.0675	160.
170.	.1248	.1251	.1133	.1072	.1227	.1067	.1054	.1108	.1052	.1004	.0994	.1061	.1123	170.
180.	.4117	.4055	.4055	.4019	.4048	.4080	.4130	.4146	.4092	.4035	.3984	.4072	.3992	180.
190.	.3036	.2978	.2947	.2864	.3061	.2953	.2986	.3076	.2984	.2897	.2973	.3048	.3110	190.
200.	.2242	.2216	.2160	.2149	.2180	.2237	.2292	.2316	.2240	.2240	.2229	.2367	.2334	200.
210.	.1831	.1841	.1880	.1893	.1877	.2005	.2010	.2000	.1969	.1943	.1879	.1912	.1992	210.
220.	.1806	.1746	.1776	.1805	.1792	.1822	.1878	.1879	.1829	.1778	.1694	.1814	.1907	220.
240.	.1701	.1600	.1621	.1626	.1648	.1674	.1641	.1623	.1548	.1558	.1712	.1722	.1811	240.
270.	.1574	.1541	.1568	.1593	.1474	.1563	.1537	.1494	.1476	.1462	.1587	.1647	.1668	270.
300.	.1571	.1486	.1537	.1518	.1464	.1496	.1457	.1429	.1409	.1441	.1561	.1478	.1525	300.
320.	.1491	.1412	.1409	.1456	.1415	.1452	.1393	.1370	.1392	.1323	.1282	.1400	.1470	320.
330.	.1390	.1400	.1403	.1400	.1373	.1410	.1345	.1314	.1333	.1295	.1244	.1311	.1419	330.
340.	.1313	.1345	.1347	.1354	.1363	.1366	.1306	.1254	.1276	.1230	.1231	.1335	.1328	340.
350.	.1268	.1286	.1255	.1183	.1348	.1178	.1200	.1160	.1157	.1224	.1231	.1235	.1317	350.
						FOR ALPHA = 15.36 DEG								
0.	.0517	.0497	.0509	.0527	.0531	.0415	.0406	.0396	.0379	.0390	.0372	.0435	.0425	0.
10.	.0627	.0600	.0613	.0649	.0706	.0500	.0558	.0547	.0513	.0535	.0558	.0561	.0606	10.
20.	.0534	.0561	.0635	.0683	.0628	.0597	.0580	.0605	.0549	.0507	.0495	.0567	.0542	20.
30.	.0525	.0491	.0582	.0639	.0519	.0560	.0555	.0567	.0529	.0496	.0464	.0511	.0569	30.
40.	.0560	.0478	.0526	.0616	.0493	.0506	.0538	.0545	.0514	.0477	.0441	.0546	.0580	40.
60.	.0550	.0440	.0556	.0607	.0445	.0409	.0434	.0477	.0436	.0490	.0571	.0514	.0543	60.
90.	.0478	.0446	.0513	.0571	.0408	.0396	.0407	.0382	.0361	.0356	.0461	.0513	.0538	90.
120.	.0502	.0460	.0496	.0484	.0460	.0448	.0418	.0389	.0284	.0291	.0416	.0464	.0536	120.
140.	.0399	.0379	.0398	.0472	.0437	.0443	.0470	.0498	.0430	.0393	.0353	.0442	.0482	140.
150.	.0356	.0353	.0337	.0356	.0307	.0424	.0449	.0509	.0444	.0415	.0393	.0423	.0447	150.
160.	.0679	.0704	.0707	.0680	.0672	.0604	.0642	.0647	.0578	.0556	.0509	.0569	.0584	160.
170.	.1588	.1634	.1506	.1452	.1538	.1445	.1426	.1481	.1409	.1401	.1428	.1432	.1516	170.
180.	.5351	.5307	.5313	.5274	.5313	.5345	.5355	.5327	.5310	.5291	.5269	.5330	.5250	180.
190.	.3641	.3626	.3583	.3491	.3681	.3575	.3548	.3590	.3528	.3505	.3588	.3642	.3639	190.
200.	.2500	.2548	.2459	.2407	.2424	.2441	.2471	.2451	.2412	.2468	.2458	.2521	.2476	200.
210.	.1926	.1961	.1981	.1978	.1935	.2089	.2089	.2069	.2034	.2036	.1964	.1942	.2003	210.
220.	.1849	.1797	.1855	.1869	.1808	.1822	.1853	.1858	.1841	.1799	.1670	.1745	.1846	220.
240.	.1727	.1591	.1593	.1600	.1585	.1589	.1540	.1520	.1466	.1450	.1547	.1586	.1679	240.
270.	.1463	.1390	.1393	.1448	.1309	.1348	.1362	.1360	.1334	.1327	.1425	.1494	.1540	270.
300.	.1351	.1199	.1275	.1295	.1187	.1203	.1232	.1246	.1198	.1262	.1427	.1411	.1473	300.
320.	.1217	.1076	.1113	.1151	.1098	.1124	.1122	.1140	.1129	.1095	.1060	.1290	.1376	320.
330.	.1072	.1005	.1041	.1066	.1029	.1057	.1045	.1067	.1052	.1014	.0983	.1138	.1290	330.
340.	.0946	.0906	.0969	.1017	.0979	.0960	.0985	.0963	.0940	.0890	.0861	.1098	.1115	340.
350.	.0809	.0795	.0806	.0749	.0922	.0738	.0768	.0746	.0714	.0722	.0733	.0799	.0919	350.
						FOR ALPHA = 20.35 DEG								
0.	.0391	.0396	.0374	.0345	.0364	.0286	.0318	.0307	.0314	.0304	.0265	.0288	.0259	0.
10.	.0485	.0474	.0434	.0378	.0505	.0366	.0401	.0399	.0343	.0298	.0357	.0416	.0449	10.
20.	.0342	.0369	.0376	.0400	.0412	.0389	.0359	.0336	.0289	.0189	.0228	.0382	.0416	20.
30.	.0313	.0271	.0297	.0303	.0270	.0300	.0268	.0269	.0245	.0163	.0134	.0267	.0342	30.
40.	.0362	.0268	.0251	.0281	.0218	.0224	.0210	.0216	.0250	.0151	.0088	.0272	.0326	40.
60.	.0322	.0244	.0292	.0302	.0168	.0154	.0139	.0148	.0180	.0181	.0203	.0248	.0291	60.
90.	.0279	.0226	.0243	.0253	.0095	.0121	.0138	.0145	.0144	.0142	.0202	.0235	.0283	90.
120.	.0308	.0246	.0196	.0177	.0148	.0160	.0117	.0079	.0057	.0053	.0168	.0282	.0371	120.
140.	.0168	.0165	.0183	.0153	.0103	.0145	.0168	.0175	.0155	.0163	.0146	.0283	.0396	140.
150.	.0198	.0213	.0191	.0132	.0060	.0121	.0125	.0191	.0183	.0207	.0219	.0245	.0281	150.
160.	.0750	.0807	.0857	.0814	.0796	.0706	.0758	.0782	.0675	.0718	.0648	.0692	.0695	160.
170.	.2240	.2224	.2082	.2077	.2104	.1941	.1933	.1996	.1922	.1938	.1923	.2023	.2088	170.
180.	.6714	.6671	.6714	.6666	.6681	.6691	.6724	.6693	.6676	.6654	.6596	.6651	.6604	180.
190.	.4281	.4262	.4206	.4157	.4361	.4253	.4199	.4236	.4160	.4127	.4181	.4269	.4288	190.
200.	.2776	.2832	.2782	.2718	.2730	.2705	.2716	.2710	.2602	.2626	.2620	.2714	.2752	200.
210.	.1976	.1986	.2035	.2025	.1959	.2074	.2071	.2080	.2035	.2016	.2016	.2021	.2086	210.
220.	.1798	.1728	.1818	.1845	.1755	.1753	.1771	.1769	.1776	.1747	.1698	.1816	.1880	220.
240.	.1547	.1454	.1511	.1509	.1455	.1429	.1408	.1365	.1310	.1323	.1452	.1503	.1632	240.
270.	.1273	.1228	.1264	.1287	.1126	.1162	.1256	.1262	.1190	.1165	.1250	.1303	.1339	270.
300.	.1118	.1026	.1067	.1079	.0940	.1022	.1100	.1074	.0999	.1043	.1130	.1057	.1078	300.
320.	.0925	.0811	.0825	.0829	.0756	.0848	.0881	.0839	.0829	.0775	.0726	.0825	.0881	320.
330.	.0723	.0683	.0676	.0667	.0637	.0764	.0750	.0668	.0657	.0651	.0627	.0680	.0743	330.
340.	.0524	.0530	.0543	.0560	.0585	.0604	.0561	.0483	.0474	.0487	.0455	.0567	.0581	340.
350.	.0354	.0359	.0284	.0251	.0450	.0286	.0237	.0168	.0212	.0263	.0292	.0296	.0374	350.

TABLE III. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.65 DEG								
0.	.2811	.2763	.2809	.2715	.2711	.2771	.2738	.2731	.2786	.2754	.2679	.2683	.2692	.2738
10.			.0377	.0363	.0350	.0313	.0414	.0431	.0470	.0549	.0421	.0446	.0461	.0508
20.		.0490	.0350	.0268	.0267	.0287	.0359	.0407	.0442	.0417	.0355	.0373	.0431	.0457
30.				.0349	.0384	.0406	.0466	.0491	.0501	.0544	.0478	.0426	.0529	.0513
40.	.0579	.0552	.0444	.0412	.0469	.0489	.0535	.0586	.0591	.0600	.0565	.0490	.0556	.0575
60.			.0360	.0510	.0544	.0511	.0563	.0601	.0611	.0614	.0636	.0550	.0553	.0639
90.	.0780	.0564		.0548	.0539	.0501	.0570	.0608	.1748	.0603	.0534	.0585	.0559	.0547
120.			.0392	.0547	.0499	.0473	.0522	.0571	.0601	.0562	.0572	.0523	.0466	.0562
140.	.0688	.0594	.0520	.0519	.0500	.0492	.0551	.0597	.0624	.0582	.0557	.0476	.0530	.0585
150.				.0471	.0475	.0471	.0545	.0581	.0605	.0578	.0497	.0452	.0561	.0546
160.		.0657	.0557	.0425	.0420	.0427	.0507	.0569	.0561	.0516	.0426	.0428	.0484	.0538
170.			.0322	.0329	.0256	.0235	.0359	.0383	.0402	.0418	.0313	.0261	.0329	.0356
180.	.1173	.1076	.1056	.0948	.0974	.0993	.1025	.0996	.1035	.1010	.0956	.0930	.0923	.0999
190.			.1874	.1924	.1872	.1822	.1930	.1957	.1902	.1902	.1865	.1839	.1891	.1912
200.		.2099	.1947	.1911	.1907	.1864	.1958	.1967	.1924	.1931	.1853	.1875	.1931	.1983
210.				.1895	.1915	.1868	.1932	.1940	.1926	.1941	.1901	.1818	.1992	.1983
220.	.2083	.2075	.1798	.1920	.1922	.1872	.1956	.1951	.1947	.1954	.1974	.1837	.1939	.2035
240.			.1834	.1981	.1959	.1897	.1942	.1956	.1952	.1959	.2018	.1955	.1886	.2022
270.	.2222	.2113		.2018	.2028	.2007	.2056	.2062	.2072	.2064	.2024	.2110	.2072	.2049
300.			.2088	.2095	.2075	.2083	.2134	.2138	.2146	.2108	.2177	.2160	.2155	.2239
320.	.2286	.2275	.2240	.2166	.2182	.2191	.2268	.2277	.2277	.2255	.2256	.2226	.2332	.2370
330.				.2244	.2266	.2233	.2367	.2367	.2350	.2371	.2311	.2313	.2478	.2416
340.		.2584	.2479	.2436	.2431	.2443	.2549	.2573	.2547	.2542	.2500	.2508	.2601	.2640
350.			.2975	.2902	.2855	.2849	.2985	.2996	.2991	.3020	.2987	.2947	.3006	.2984
						FOR ALPHA = -2.64 DEG								
0.	.2387	.2348	.2405	.2276	.2246	.2326	.2335	.2304	.2341	.2296	.2274	.2290	.2274	.2331
10.			.0369	.0306	.0287	.0260	.0401	.0389	.0403	.0465	.0411	.0368	.0419	.0449
20.		.0549	.0386	.0302	.0282	.0303	.0404	.0440	.0445	.0428	.0391	.0417	.0450	.0474
30.				.0384	.0411	.0408	.0515	.0524	.0524	.0538	.0517	.0470	.0557	.0524
40.	.0632	.0608	.0513	.0446	.0458	.0523	.0555	.0586	.0584	.0564	.0602	.0532	.0557	.0590
60.			.0298	.0509	.0514	.0534	.0568	.0589	.0592	.0570	.0654	.0562	.0530	.0618
90.	.0800	.0598		.0565	.0552	.0550	.0594	.0609	.1638	.0623	.0557	.0595	.0566	.0550
120.			.0389	.0579	.0556	.0535	.0559	.0586	.0599	.0579	.0599	.0544	.0506	.0599
140.	.0715	.0622	.0482	.0525	.0540	.0530	.0569	.0595	.0610	.0591	.0579	.0503	.0558	.0599
150.				.0478	.0506	.0491	.0560	.0566	.0582	.0596	.0520	.0475	.0580	.0546
160.		.0614	.0452	.0417	.0434	.0411	.0483	.0546	.0533	.0537	.0460	.0416	.0481	.0522
170.			.0294	.0292	.0268	.0219	.0306	.0338	.0381	.0461	.0386	.0264	.0310	.0353
180.	.1440	.1342	.1322	.1224	.1274	.1315	.1316	.1278	.1324	.1299	.1267	.1235	.1219	.1263
190.			.2049	.2113	.2070	.2060	.2160	.2180	.2134	.2141	.2100	.2051	.2098	.2122
200.		.2144	.1982	.2033	.2004	.1992	.2111	.2116	.2071	.2056	.2011	.2019	.2058	.2117
210.				.1982	.1980	.1966	.2032	.2052	.2038	.2026	.1996	.1952	.2099	.2077
220.	.2153	.2157	.1994	.1981	.1974	.1944	.2021	.2040	.2032	.2016	.2052	.1945	.2050	.2107
240.			.1878	.2021	.1969	.1933	.1983	.2003	.2022	.2009	.2061	.2017	.1966	.2086
270.	.2259	.2166		.2076	.2057	.2020	.2076	.2082	.2027	.2115	.2040	.2129	.2086	.2070
300.			.2115	.2137	.2112	.2076	.2130	.2130	.2131	.2110	.2194	.2128	.2107	.2212
320.	.2304	.2243	.2216	.2194	.2162	.2172	.2229	.2252	.2213	.2213	.2268	.2174	.2270	.2304
330.				.2237	.2228	.2198	.2325	.2306	.2275	.2294	.2285	.2242	.2393	.2336
340.		.2489	.2336	.2356	.2367	.2346	.2475	.2498	.2454	.2418	.2411	.2425	.2487	.2561
350.			.2745	.2710	.2681	.2644	.2788	.2777	.2766	.2781	.2755	.2747	.2808	.2771
						FOR ALPHA = -1.65 DEG								
0.	.2249	.2152	.2223	.2076	.2048	.2108	.2137	.2117	.2153	.2099	.2093	.2108	.2104	.2146
10.			.0405	.0310	.0296	.0269	.0394	.0396	.0415	.0448	.0411	.0368	.0441	.0450
20.		.0587	.0442	.0342	.0337	.0351	.0446	.0459	.0460	.0440	.0400	.0437	.0485	.0475
30.				.0427	.0437	.0457	.0558	.0539	.0529	.0545	.0504	.0487	.0573	.0537
40.	.0677	.0657	.0532	.0484	.0503	.0542	.0583	.0598	.0606	.0581	.0613	.0544	.0579	.0605
60.			.0335	.0559	.0539	.0556	.0588	.0607	.0592	.0574	.0665	.0587	.0537	.0623
90.	.0780	.0624		.0593	.0564	.0564	.0611	.0621	.1627	.0637	.0572	.0602	.0573	.0568
120.			.0385	.0581	.0562	.0559	.0587	.0594	.0597	.0590	.0592	.0540	.0512	.0613
140.	.0722	.0639	.0444	.0509	.0537	.0553	.0590	.0589	.0601	.0603	.0578	.0497	.0568	.0610
150.				.0467	.0502	.0506	.0568	.0569	.0572	.0595	.0517	.0461	.0589	.0545
160.		.0614	.0422	.0397	.0419	.0431	.0471	.0527	.0522	.0522	.0463	.0425	.0477	.0517
170.			.0308	.0280	.0268	.0227	.0322	.0315	.0370	.0435	.0392	.0299	.0309	.0351
180.	.1610	.1507	.1497	.1364	.1421	.1447	.1491	.1453	.1489	.1452	.1422	.1428	.1377	.1427
190.			.2135	.2189	.2166	.2144	.2264	.2296	.2264	.2231	.2201	.2177	.2207	.2211
200.		.2193	.2035	.2059	.2072	.2042	.2155	.2192	.2142	.2121	.2059	.2094	.2133	.2175
210.				.2022	.2014	.1982	.2065	.2080	.2089	.2082	.2033	.1998	.2157	.2110
220.	.2184	.2181	.2028	.2016	.2002	.1952	.2039	.2057	.2071	.2058	.2091	.1988	.2079	.2143
240.			.1889	.2021	.2002	.1943	.2001	.2019	.2020	.2033	.2092	.2035	.1979	.2102
270.	.2273	.2169		.2061	.2047	.2022	.2081	.2083	.2016	.2120	.2047	.2128	.2087	.2069
300.			.2102	.2081	.2083	.2073	.2122	.2125	.2115	.2098	.2184	.2119	.2082	.2181
320.	.2289	.2219	.2182	.2130	.2121	.2150	.2201	.2218	.2198	.2187	.2240	.2145	.2235	.2271
330.				.2175	.2193	.2140	.2274	.2266	.2242	.2250	.2244	.2218	.2352	.2283
340.		.2427	.2273	.2277	.2311	.2284	.2408	.2423	.2396	.2372	.2388	.2388	.2422	.2470
350.			.2622	.2592	.2576	.2512	.2687	.2682	.2670	.2664	.2666	.2654	.2685	.2697

TABLE III. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.65 DEG								
0.	.2738	.2679	.2694	.2658	.2674	.2655	.2704	.2713	.2702	.2632	.2648	.2725	.2702	0.
10.	.0443	.0441	.0429	.0372	.0468	.0287	.0310	.0343	.0276	.0201	.0299	.0432	.0546	10.
20.	.0367	.0380	.0371	.0381	.0398	.0325	.0373	.0400	.0342	.0374	.0467	.0531	.0464	20.
30.	.0360	.0398	.0481	.0485	.0377	.0434	.0447	.0442	.0530	.0530	.0474	.0441	.0477	30.
40.	.0480	.0471	.0523	.0568	.0444	.0468	.0528	.0570	.0551	.0541	.0418	.0486	.0582	40.
60.	.0540	.0488	.0556	.0599	.0518	.0517	.0499	.0560	.0471	.0507	.0575	.0585	.0656	60.
90.	.0517	.0489	.0538	.0559	.0389	.0441	.0448	.0473	.0455	.0430	.0531	.0574	.0584	90.
120.	.0541	.0462	.0478	.0468	.0399	.0410	.0421	.0467	.0399	.0379	.0485	.0456	.0513	120.
140.	.0544	.0471	.0472	.0494	.0424	.0456	.0451	.0478	.0449	.0357	.0326	.0432	.0503	140.
150.	.0501	.0474	.0489	.0473	.0403	.0453	.0449	.0429	.0425	.0361	.0327	.0371	.0462	150.
160.	.0467	.0460	.0424	.0426	.0434	.0413	.0402	.0364	.0355	.0373	.0320	.0374	.0360	160.
170.	.0369	.0330	.0268	.0210	.0347	.0184	.0203	.0207	.0136	.0167	.0248	.0251	.0244	170.
180.	.0995	.0970	.0948	.0883	.0904	.0841	.0852	.0837	.0822	.0831	.0816	.0861	.0840	180.
190.	.1931	.1924	.1851	.1802	.1988	.1775	.1813	.1813	.1788	.1816	.1841	.1895	.1903	190.
200.	.1874	.1904	.1905	.1897	.1887	.1908	.1870	.1853	.1814	.1777	.1793	.1920	.1880	200.
210.	.1887	.1875	.1904	.1912	.1838	.1876	.1867	.1872	.1831	.1780	.1751	.1833	.1952	210.
220.	.1941	.1866	.1887	.1932	.1865	.1878	.1880	.1901	.1877	.1789	.1771	.1897	.1969	220.
240.	.1996	.1883	.1932	.1930	.1869	.1885	.1909	.1912	.1819	.1855	.2014	.1947	.2028	240.
270.	.2033	.1965	.1985	.2045	.1903	.1985	.1985	.1978	.1938	.1943	.2091	.2136	.2140	270.
300.	.2171	.2060	.2059	.2134	.2114	.2093	.2112	.2123	.2044	.2082	.2247	.2231	.2284	300.
320.	.2272	.2143	.2171	.2257	.2224	.2271	.2299	.2304	.2251	.2216	.2143	.2284	.2385	320.
330.	.2314	.2288	.2290	.2300	.2314	.2399	.2400	.2400	.2351	.2305	.2260	.2317	.2433	330.
340.	.2532	.2541	.2486	.2497	.2538	.2607	.2624	.2669	.2572	.2529	.2525	.2659	.2613	340.
350.	.3008	.3014	.2950	.2872	.3098	.2946	.3018	.3066	.2991	.2980	.3018	.3078	.3134	350.
						FOR ALPHA = -2.64 DEG								
0.	.2332	.2278	.2260	.2230	.2249	.2247	.2252	.2257	.2267	.2239	.2230	.2305	.2253	0.
10.	.0444	.0434	.0374	.0304	.0413	.0269	.0283	.0273	.0241	.0213	.0285	.0416	.0470	10.
20.	.0438	.0434	.0412	.0406	.0391	.0351	.0371	.0361	.0283	.0391	.0438	.0485	.0420	20.
30.	.0448	.0456	.0488	.0464	.0404	.0440	.0436	.0414	.0459	.0500	.0496	.0433	.0486	30.
40.	.0551	.0491	.0495	.0532	.0467	.0471	.0475	.0502	.0543	.0567	.0437	.0479	.0555	40.
60.	.0573	.0489	.0526	.0544	.0496	.0486	.0499	.0539	.0519	.0550	.0578	.0557	.0629	60.
90.	.0540	.0494	.0509	.0528	.0406	.0459	.0450	.0467	.0474	.0447	.0538	.0587	.0587	90.
120.	.0560	.0468	.0493	.0491	.0426	.0425	.0434	.0457	.0434	.0407	.0518	.0493	.0539	120.
140.	.0536	.0460	.0491	.0513	.0433	.0449	.0462	.0474	.0481	.0398	.0334	.0429	.0509	140.
150.	.0480	.0467	.0497	.0478	.0400	.0438	.0453	.0433	.0435	.0397	.0328	.0365	.0457	150.
160.	.0445	.0452	.0435	.0423	.0418	.0395	.0384	.0385	.0325	.0366	.0338	.0373	.0344	160.
170.	.0329	.0337	.0290	.0224	.0333	.0169	.0204	.0231	.0174	.0125	.0197	.0280	.0247	170.
180.	.1287	.1259	.1268	.1216	.1198	.1143	.1168	.1163	.1144	.1120	.1116	.1194	.1126	180.
190.	.2118	.2132	.2095	.2021	.2234	.2025	.2053	.2053	.1991	.2044	.2053	.2106	.2155	190.
200.	.2001	.2013	.2023	.2038	.2042	.2051	.2020	.2016	.1949	.1900	.1902	.2048	.2026	200.
210.	.1971	.1943	.1978	.1996	.1954	.1992	.1985	.1976	.1938	.1881	.1824	.1918	.2027	210.
220.	.2000	.1908	.1946	.1981	.1941	.1979	.1974	.1998	.1959	.1860	.1834	.1976	.2033	220.
240.	.2026	.1897	.1954	.1967	.1910	.1930	.1956	.1973	.1881	.1896	.2046	.1997	.2061	240.
270.	.2053	.1974	.2004	.2041	.1923	.1996	.2005	.2004	.1962	.1957	.2117	.2159	.2144	270.
300.	.2164	.2044	.2056	.2107	.2094	.2093	.2125	.2110	.2059	.2076	.2243	.2195	.2267	300.
320.	.2228	.2112	.2123	.2221	.2197	.2217	.2246	.2276	.2214	.2168	.2091	.2237	.2332	320.
330.	.2264	.2231	.2250	.2239	.2265	.2304	.2348	.2324	.2277	.2226	.2188	.2262	.2357	330.
340.	.2423	.2443	.2405	.2406	.2429	.2523	.2484	.2505	.2416	.2386	.2389	.2517	.2494	340.
350.	.2811	.2795	.2754	.2636	.2890	.2760	.2790	.2833	.2749	.2754	.2786	.2867	.2921	350.
						FOR ALPHA = -1.65 DEG								
0.	.2152	.2112	.2081	.2048	.2059	.2036	.2053	.2063	.2071	.2048	.2053	.2120	.2050	0.
10.	.0438	.0428	.0361	.0307	.0408	.0263	.0241	.0233	.0204	.0183	.0308	.0438	.0439	10.
20.	.0475	.0456	.0429	.0383	.0393	.0390	.0395	.0381	.0317	.0418	.0469	.0510	.0421	20.
30.	.0475	.0471	.0515	.0494	.0429	.0467	.0463	.0438	.0476	.0523	.0477	.0449	.0510	30.
40.	.0560	.0509	.0525	.0547	.0495	.0492	.0498	.0490	.0539	.0601	.0471	.0497	.0578	40.
60.	.0584	.0501	.0541	.0548	.0507	.0491	.0496	.0559	.0539	.0575	.0599	.0581	.0636	60.
90.	.0561	.0502	.0518	.0533	.0400	.0468	.0465	.0471	.0492	.0471	.0551	.0592	.0604	90.
120.	.0576	.0476	.0495	.0480	.0421	.0432	.0437	.0448	.0435	.0416	.0519	.0513	.0564	120.
140.	.0550	.0461	.0482	.0511	.0431	.0459	.0464	.0460	.0476	.0406	.0344	.0440	.0511	140.
150.	.0473	.0457	.0488	.0475	.0400	.0443	.0442	.0426	.0429	.0410	.0331	.0356	.0453	150.
160.	.0438	.0453	.0428	.0421	.0415	.0378	.0377	.0380	.0313	.0365	.0336	.0378	.0328	160.
170.	.0347	.0340	.0287	.0245	.0359	.0183	.0185	.0220	.0186	.0148	.0177	.0286	.0252	170.
180.	.1438	.1403	.1422	.1387	.1354	.1325	.1327	.1331	.1308	.1284	.1276	.1365	.1303	180.
190.	.2227	.2208	.2180	.2131	.2350	.2136	.2185	.2161	.2097	.2143	.2166	.2209	.2261	190.
200.	.2059	.2067	.2072	.2075	.2104	.2131	.2083	.2088	.2021	.1962	.1974	.2094	.2075	200.
210.	.2005	.1974	.2022	.2027	.1977	.2029	.2043	.2029	.1979	.1933	.1874	.1951	.2067	210.
220.	.2034	.1927	.1965	.2010	.1970	.2000	.2010	.2025	.1993	.1901	.1857	.2010	.2070	220.
240.	.2053	.1924	.1959	.1960	.1929	.1948	.1979	.1980	.1893	.1911	.2074	.2022	.2086	240.
270.	.2057	.1981	.1996	.2041	.1930	.2010	.2001	.2001	.1972	.1967	.2125	.2157	.2146	270.
300.	.2149	.2036	.2043	.2080	.2092	.2086	.2101	.2106	.2064	.2071	.2225	.2187	.2249	300.
320.	.2230	.2097	.2099	.2189	.2173	.2200	.2217	.2250	.2188	.2120	.2063	.2211	.2292	320.
330.	.2233	.2203	.2199	.2217	.2224	.2262	.2305	.2289	.2227	.2175	.2141	.2218	.2339	330.
340.	.2372	.2392	.2352	.2339	.2381	.2455	.2412	.2436	.2345	.2319	.2342	.2448	.2427	340.
350.	.2738	.2691	.2630	.2547	.2811	.2631	.2664	.2724	.2656	.2687	.2713	.2771	.2782	350.

TABLE III. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -.65 DEG								
0.	.2070	.1994	.2015	.1855	.1873	.1925	.1973	.1935	.1963	.1922	.1919	.1924	.1912	.1984
10.			.0399	.0322	.0316	.0283	.0426	.0404	.0422	.0454	.0400	.0361	.0425	.0443
20.		.0635	.0472	.0367	.0381	.0381	.0466	.0491	.0493	.0467	.0433	.0440	.0492	.0519
30.				.0446	.0482	.0479	.0572	.0562	.0548	.0568	.0531	.0503	.0593	.0564
40.	.0692	.0685	.0508	.0516	.0523	.0564	.0592	.0603	.0612	.0594	.0616	.0561	.0602	.0634
60.			.0335	.0597	.0541	.0563	.0597	.0597	.0604	.0580	.0654	.0600	.0545	.0631
90.	.0799	.0635		.0614	.0571	.0574	.0622	.0630	.1615	.0641	.0568	.0608	.0576	.0572
120.			.0368	.0586	.0571	.0573	.0597	.0601	.0599	.0588	.0602	.0540	.0513	.0622
140.	.0735	.0651	.0498	.0507	.0547	.0563	.0595	.0598	.0598	.0601	.0585	.0495	.0572	.0617
150.				.0454	.0499	.0509	.0586	.0565	.0559	.0583	.0515	.0459	.0581	.0545
160.		.0612	.0425	.0379	.0400	.0419	.0484	.0510	.0511	.0504	.0456	.0422	.0479	.0518
170.			.0307	.0267	.0268	.0228	.0343	.0317	.0333	.0420	.0403	.0323	.0333	.0362
180.	.1769	.1675	.1679	.1531	.1583	.1606	.1645	.1627	.1660	.1615	.1578	.1589	.1552	.1582
190.			.2256	.2261	.2258	.2224	.2361	.2391	.2389	.2353	.2311	.2295	.2320	.2313
200.		.2256	.2102	.2081	.2111	.2092	.2211	.2228	.2198	.2193	.2139	.2145	.2209	.2248
210.				.2022	.2051	.2024	.2099	.2110	.2096	.2128	.2097	.2043	.2203	.2165
220.	.2206	.2180	.2078	.1995	.2024	.1988	.2068	.2080	.2068	.2090	.2130	.2022	.2106	.2172
240.			.1961	.2017	.1998	.1965	.2027	.2025	.2030	.2046	.2111	.2049	.1990	.2114
270.	.2269	.2176		.2048	.2046	.2028	.2081	.2086	.2008	.2120	.2065	.2131	.2083	.2071
300.			.2071	.2079	.2076	.2062	.2102	.2105	.2105	.2088	.2192	.2133	.2072	.2161
320.	.2247	.2223	.2131	.2094	.2098	.2121	.2172	.2186	.2180	.2163	.2233	.2128	.2209	.2249
330.				.2141	.2132	.2112	.2237	.2228	.2220	.2215	.2211	.2183	.2320	.2263
340.		.2376	.2227	.2237	.2246	.2229	.2362	.2367	.2328	.2317	.2316	.2326	.2381	.2427
350.			.2520	.2493	.2464	.2414	.2582	.2586	.2562	.2563	.2559	.2568	.2594	.2597
						FOR ALPHA = .35 DEG								
0.	.1879	.1805	.1799	.1662	.1719	.1746	.1806	.1763	.1789	.1766	.1753	.1761	.1755	.1799
10.			.0371	.0328	.0301	.0292	.0413	.0384	.0419	.0495	.0428	.0374	.0431	.0486
20.		.0633	.0452	.0390	.0412	.0394	.0490	.0517	.0543	.0516	.0475	.0470	.0540	.0584
30.				.0470	.0492	.0486	.0583	.0600	.0587	.0596	.0549	.0519	.0629	.0609
40.	.0685	.0673	.0478	.0518	.0531	.0571	.0602	.0627	.0631	.0607	.0628	.0558	.0613	.0662
60.			.0330	.0590	.0556	.0565	.0598	.0619	.0615	.0590	.0656	.0612	.0554	.0647
90.	.0828	.0626		.0605	.0576	.0574	.0618	.0625	.1604	.0646	.0567	.0614	.0581	.0572
120.			.0368	.0577	.0564	.0554	.0587	.0597	.0602	.0590	.0595	.0531	.0502	.0621
140.	.0744	.0640	.0531	.0496	.0531	.0553	.0586	.0598	.0594	.0590	.0568	.0481	.0550	.0613
150.				.0445	.0483	.0499	.0568	.0567	.0537	.0573	.0495	.0445	.0559	.0546
160.		.0583	.0397	.0373	.0359	.0383	.0447	.0489	.0484	.0478	.0440	.0401	.0457	.0509
170.			.0314	.0266	.0258	.0241	.0321	.0326	.0314	.0405	.0399	.0307	.0330	.0369
180.	.1931	.1834	.1856	.1693	.1716	.1751	.1787	.1776	.1807	.1761	.1732	.1744	.1715	.1731
190.			.2353	.2317	.2308	.2255	.2440	.2444	.2450	.2417	.2411	.2371	.2416	.2380
200.		.2277	.2139	.2110	.2106	.2090	.2246	.2253	.2197	.2204	.2202	.2180	.2228	.2263
210.				.2029	.2024	.2003	.2119	.2118	.2086	.2116	.2131	.2057	.2192	.2139
220.	.2213	.2156	.2093	.2001	.1981	.2014	.2068	.2080	.2053	.2056	.2149	.2019	.2098	.2134
240.			.2028	.1993	.1938	.1977	.2015	.2011	.1997	.1992	.2104	.2028	.1975	.2080
270.	.2267	.2158		.2029	.2003	.2028	.2072	.2071	.1992	.2112	.2055	.2127	.2064	.2042
300.			.1983	.2070	.2051	.2054	.2088	.2094	.2101	.2085	.2185	.2130	.2050	.2163
320.	.2231	.2203	.2122	.2075	.2072	.2100	.2142	.2157	.2142	.2145	.2217	.2110	.2184	.2225
330.				.2116	.2089	.2073	.2193	.2185	.2165	.2194	.2200	.2141	.2281	.2229
340.		.2320	.2182	.2181	.2181	.2155	.2299	.2306	.2255	.2258	.2260	.2281	.2319	.2373
350.			.2404	.2370	.2332	.2310	.2483	.2471	.2444	.2435	.2463	.2452	.2480	.2510
						FOR ALPHA = 1.35 DEG								
0.	.1725	.1610	.1622	.1486	.1538	.1574	.1634	.1606	.1627	.1616	.1595	.1604	.1586	.1640
10.			.0381	.0326	.0312	.0279	.0414	.0413	.0436	.0499	.0441	.0376	.0432	.0486
20.		.0632	.0466	.0419	.0436	.0410	.0523	.0578	.0575	.0538	.0494	.0492	.0550	.0602
30.				.0483	.0512	.0502	.0600	.0621	.0611	.0599	.0553	.0532	.0636	.0605
40.	.0684	.0663	.0426	.0529	.0546	.0578	.0605	.0640	.0637	.0610	.0620	.0562	.0613	.0667
60.			.0387	.0601	.0564	.0573	.0605	.0618	.0627	.0603	.0654	.0608	.0557	.0650
90.	.0709	.0637		.0621	.0576	.0564	.0609	.0623	.1616	.0644	.0563	.0611	.0584	.0566
120.			.0351	.0585	.0569	.0543	.0575	.0592	.0603	.0589	.0583	.0515	.0506	.0610
140.	.0668	.0652	.0560	.0496	.0530	.0539	.0578	.0586	.0597	.0584	.0551	.0469	.0547	.0603
150.				.0441	.0469	.0490	.0550	.0541	.0533	.0558	.0483	.0419	.0546	.0530
160.		.0595	.0393	.0353	.0340	.0360	.0416	.0452	.0463	.0448	.0411	.0372	.0438	.0494
170.			.0323	.0265	.0265	.0231	.0331	.0315	.0318	.0369	.0361	.0292	.0320	.0374
180.	.2101	.2006	.2062	.1886	.1892	.1941	.1960	.1941	.1984	.1946	.1900	.1920	.1900	.1921
190.			.2483	.2439	.2401	.2390	.2531	.2550	.2519	.2573	.2526	.2485	.2526	.2517
200.		.2334	.2200	.2158	.2178	.2184	.2319	.2322	.2262	.2286	.2264	.2259	.2296	.2363
210.				.2057	.2068	.2063	.2167	.2170	.2135	.2178	.2172	.2112	.2235	.2213
220.	.2229	.2188	.2120	.2016	.2019	.2036	.2129	.2114	.2102	.2107	.2187	.2066	.2145	.2196
240.			.2050	.2003	.1985	.1990	.2052	.2025	.2035	.2016	.2123	.2054	.2009	.2129
270.	.2240	.2165		.2020	.2016	.2021	.2074	.2078	.1995	.2098	.2069	.2127	.2071	.2054
300.			.1899	.2060	.2024	.2033	.2064	.2077	.2070	.2073	.2181	.2111	.2036	.2134
320.	.2172	.2192	.2056	.2053	.2042	.2060	.2113	.2127	.2105	.2110	.2207	.2077	.2158	.2202
330.				.2070	.2062	.2010	.2152	.2140	.2121	.2140	.2170	.2113	.2240	.2201
340.		.2235	.2113	.2126	.2125	.2066	.2242	.2237	.2188	.2193	.2205	.2220	.2260	.2322
350.			.2273	.2258	.2230	.2182	.2362	.2375	.2332	.2337	.2352	.2343	.2406	.2409

TABLE III. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.65 DEG								
0.	.1976	.1925	.1900	.1876	.1875	.1860	.1868	.1878	.1894	.1877	.1883	.1924	.1860	0.
10.	.0446	.0409	.0345	.0304	.0420	.0261	.0257	.0272	.0215	.0222	.0310	.0436	.0433	10.
20.	.0489	.0474	.0425	.0416	.0426	.0406	.0403	.0382	.0342	.0431	.0490	.0513	.0422	20.
30.	.0504	.0496	.0518	.0496	.0436	.0478	.0470	.0440	.0495	.0536	.0477	.0461	.0538	30.
40.	.0595	.0517	.0531	.0557	.0497	.0499	.0495	.0502	.0545	.0594	.0481	.0514	.0600	40.
60.	.0612	.0520	.0554	.0553	.0505	.0495	.0482	.0551	.0564	.0593	.0610	.0582	.0638	60.
90.	.0573	.0514	.0529	.0541	.0409	.0462	.0473	.0489	.0519	.0490	.0557	.0604	.0616	90.
120.	.0591	.0487	.0491	.0479	.0426	.0438	.0440	.0445	.0445	.0430	.0531	.0533	.0583	120.
140.	.0561	.0469	.0481	.0508	.0431	.0449	.0461	.0457	.0461	.0429	.0346	.0456	.0521	140.
150.	.0483	.0460	.0482	.0470	.0392	.0430	.0433	.0420	.0415	.0439	.0342	.0370	.0447	150.
160.	.0446	.0437	.0415	.0418	.0407	.0370	.0358	.0364	.0307	.0374	.0355	.0371	.0330	160.
170.	.0347	.0332	.0280	.0254	.0366	.0194	.0173	.0229	.0184	.0186	.0195	.0292	.0275	170.
180.	.1603	.1561	.1570	.1563	.1525	.1508	.1500	.1509	.1484	.1474	.1476	.1532	.1486	180.
190.	.2347	.2319	.2267	.2226	.2467	.2258	.2295	.2293	.2205	.2264	.2278	.2318	.2360	190.
200.	.2121	.2135	.2118	.2139	.2154	.2199	.2156	.2151	.2082	.2056	.2040	.2157	.2139	200.
210.	.2059	.2010	.2038	.2060	.2026	.2074	.2084	.2076	.2027	.1983	.1922	.1998	.2105	210.
220.	.2079	.1957	.1981	.2029	.2007	.2038	.2035	.2072	.2031	.1936	.1887	.2033	.2103	220.
240.	.2088	.1947	.1976	.1979	.1951	.1968	.1986	.1992	.1914	.1937	.2085	.2045	.2105	240.
270.	.2065	.1986	.2002	.2042	.1928	.2001	.2011	.2015	.1975	.1975	.2117	.2164	.2149	270.
300.	.2142	.2023	.2035	.2081	.2060	.2070	.2099	.2101	.2038	.2054	.2208	.2175	.2240	300.
320.	.2187	.2060	.2092	.2170	.2137	.2165	.2196	.2212	.2157	.2084	.2049	.2202	.2273	320.
330.	.2184	.2167	.2176	.2180	.2173	.2231	.2270	.2249	.2189	.2140	.2100	.2178	.2311	330.
340.	.2323	.2325	.2284	.2278	.2324	.2397	.2354	.2383	.2283	.2239	.2270	.2392	.2386	340.
350.	.2638	.2587	.2526	.2448	.2707	.2516	.2563	.2602	.2527	.2568	.2587	.2663	.2682	350.
						FOR ALPHA = .35 DEG								
0.	.1802	.1755	.1741	.1701	.1703	.1672	.1698	.1718	.1714	.1710	.1693	.1724	.1686	0.
10.	.0473	.0429	.0370	.0333	.0446	.0279	.0240	.0286	.0261	.0254	.0336	.0449	.0422	10.
20.	.0519	.0505	.0463	.0451	.0468	.0426	.0407	.0378	.0381	.0431	.0489	.0488	.0425	20.
30.	.0533	.0518	.0524	.0502	.0446	.0485	.0471	.0446	.0501	.0546	.0447	.0459	.0565	30.
40.	.0606	.0521	.0538	.0567	.0486	.0504	.0503	.0519	.0552	.0592	.0467	.0527	.0620	40.
60.	.0616	.0529	.0560	.0567	.0505	.0492	.0473	.0551	.0589	.0589	.0616	.0586	.0632	60.
90.	.0575	.0514	.0532	.0548	.0410	.0456	.0463	.0497	.0516	.0486	.0560	.0606	.0614	90.
120.	.0582	.0489	.0489	.0479	.0420	.0426	.0433	.0440	.0434	.0416	.0523	.0524	.0586	120.
140.	.0555	.0473	.0469	.0490	.0416	.0439	.0453	.0447	.0446	.0410	.0339	.0440	.0520	140.
150.	.0474	.0449	.0464	.0444	.0382	.0418	.0424	.0400	.0391	.0412	.0333	.0357	.0424	150.
160.	.0441	.0428	.0390	.0404	.0392	.0358	.0343	.0338	.0294	.0325	.0350	.0357	.0319	160.
170.	.0353	.0342	.0281	.0243	.0364	.0195	.0167	.0205	.0183	.0167	.0183	.0263	.0277	170.
180.	.1735	.1733	.1696	.1695	.1682	.1674	.1683	.1657	.1636	.1635	.1633	.1677	.1633	180.
190.	.2435	.2401	.2345	.2273	.2505	.2365	.2373	.2376	.2266	.2367	.2360	.2382	.2413	190.
200.	.2177	.2170	.2146	.2147	.2142	.2242	.2190	.2185	.2091	.2111	.2068	.2173	.2129	200.
210.	.2092	.2031	.2046	.2040	.2059	.2086	.2100	.2076	.2013	.2007	.1928	.2001	.2089	210.
220.	.2103	.1965	.1970	.1996	.2024	.2041	.2040	.2050	.1995	.1955	.1883	.2028	.2083	220.
240.	.2080	.1932	.1950	.1925	.1947	.1963	.1973	.1949	.1910	.1927	.2073	.2020	.2059	240.
270.	.2062	.1976	.1985	.2016	.1921	.1991	.1995	.1980	.1976	.1974	.2111	.2144	.2118	270.
300.	.2145	.2006	.2018	.2078	.2045	.2060	.2088	.2095	.2034	.2049	.2220	.2165	.2221	300.
320.	.2155	.2043	.2066	.2142	.2109	.2147	.2174	.2190	.2128	.2064	.2043	.2175	.2260	320.
330.	.2156	.2130	.2127	.2152	.2142	.2188	.2230	.2202	.2133	.2115	.2084	.2146	.2280	330.
340.	.2270	.2262	.2220	.2244	.2275	.2324	.2286	.2309	.2233	.2197	.2221	.2342	.2311	340.
350.	.2528	.2475	.2410	.2346	.2581	.2395	.2458	.2481	.2415	.2481	.2504	.2551	.2547	350.
						FOR ALPHA = 1.35 DEG								
0.	.1637	.1595	.1574	.1525	.1534	.1496	.1510	.1542	.1535	.1535	.1508	.1545	.1532	0.
10.	.0463	.0426	.0381	.0322	.0430	.0256	.0259	.0279	.0249	.0283	.0359	.0455	.0387	10.
20.	.0522	.0513	.0461	.0482	.0481	.0434	.0406	.0395	.0391	.0458	.0490	.0470	.0409	20.
30.	.0544	.0525	.0527	.0517	.0462	.0494	.0470	.0476	.0513	.0544	.0454	.0461	.0564	30.
40.	.0617	.0529	.0536	.0563	.0494	.0512	.0492	.0548	.0571	.0561	.0454	.0538	.0620	40.
60.	.0620	.0539	.0557	.0552	.0497	.0485	.0477	.0565	.0597	.0578	.0616	.0584	.0629	60.
90.	.0566	.0516	.0531	.0543	.0410	.0449	.0454	.0503	.0522	.0485	.0558	.0607	.0611	90.
120.	.0576	.0478	.0489	.0474	.0416	.0419	.0427	.0436	.0428	.0417	.0523	.0531	.0591	120.
140.	.0560	.0463	.0461	.0478	.0398	.0428	.0449	.0438	.0435	.0416	.0332	.0439	.0512	140.
150.	.0463	.0446	.0455	.0423	.0357	.0406	.0407	.0390	.0370	.0409	.0327	.0352	.0412	150.
160.	.0434	.0424	.0380	.0386	.0381	.0334	.0316	.0319	.0268	.0328	.0333	.0356	.0299	160.
170.	.0345	.0354	.0283	.0253	.0363	.0195	.0170	.0215	.0182	.0177	.0192	.0258	.0287	170.
180.	.1928	.1913	.1871	.1870	.1876	.1862	.1874	.1863	.1832	.1810	.1835	.1875	.1813	180.
190.	.2538	.2533	.2455	.2397	.2644	.2493	.2493	.2509	.2412	.2465	.2486	.2495	.2544	190.
200.	.2248	.2256	.2201	.2228	.2221	.2304	.2273	.2264	.2186	.2179	.2141	.2235	.2220	200.
210.	.2130	.2090	.2085	.2087	.2091	.2153	.2145	.2136	.2088	.2060	.1978	.2048	.2151	210.
220.	.2121	.2005	.2008	.2056	.2046	.2097	.2070	.2098	.2038	.1999	.1922	.2061	.2147	220.
240.	.2097	.1952	.1963	.1971	.1960	.1984	.1985	.1979	.1905	.1965	.2087	.2053	.2112	240.
270.	.2076	.1984	.1999	.2031	.1919	.1996	.2004	.1992	.1969	.1985	.2106	.2146	.2126	270.
300.	.2139	.2006	.2019	.2066	.2021	.2058	.2096	.2087	.2006	.2039	.2199	.2144	.2200	300.
320.	.2135	.2018	.2034	.2106	.2080	.2124	.2149	.2142	.2087	.2027	.2001	.2141	.2216	320.
330.	.2118	.2089	.2098	.2119	.2101	.2161	.2180	.2160	.2090	.2077	.2031	.2106	.2239	330.
340.	.2207	.2186	.2162	.2186	.2202	.2251	.2217	.2244	.2152	.2129	.2170	.2279	.2235	340.
350.	.2410	.2362	.2313	.2239	.2459	.2291	.2348	.2368	.2305	.2357	.2385	.2422	.2423	350.

TABLE III. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 2.35 DEG							
0.	.1545	.1457	.1472	.1356	.1387	.1418	.1472	.1456	.1502	.1461	.1450	.1467	.1412	.1462
10.			.0387	.0359	.0337	.0304	.0414	.0438	.0479	.0516	.0425	.0371	.0451	.0478
20.		.0659	.0512	.0461	.0465	.0460	.0558	.0618	.0585	.0542	.0494	.0519	.0574	.0616
30.				.0533	.0540	.0520	.0615	.0636	.0612	.0603	.0556	.0541	.0652	.0629
40.	.0694	.0691	.0425	.0578	.0562	.0570	.0616	.0646	.0634	.0606	.0630	.0571	.0617	.0674
60.			.0440	.0643	.0580	.0563	.0606	.0632	.0623	.0589	.0659	.0611	.0554	.0657
90.	.0714	.0656		.0625	.0587	.0558	.0604	.0628	.1653	.0631	.0552	.0603	.0575	.0559
120.			.0342	.0566	.0564	.0531	.0566	.0585	.0591	.0589	.0572	.0505	.0501	.0601
140.	.0661	.0643	.0558	.0494	.0512	.0509	.0557	.0571	.0587	.0572	.0532	.0445	.0530	.0589
150.				.0427	.0443	.0463	.0526	.0518	.0518	.0546	.0469	.0397	.0518	.0513
160.		.0583	.0389	.0329	.0308	.0321	.0387	.0406	.0418	.0418	.0361	.0337	.0400	.0452
170.			.0341	.0285	.0269	.0237	.0343	.0323	.0313	.0372	.0351	.0279	.0296	.0358
180.	.2289	.2200	.2246	.2091	.2097	.2154	.2147	.2128	.2181	.2148	.2107	.2103	.2084	.2127
190.			.2570	.2539	.2525	.2528	.2626	.2655	.2637	.2691	.2643	.2599	.2653	.2652
200.		.2405	.2246	.2218	.2258	.2279	.2373	.2393	.2353	.2360	.2346	.2330	.2393	.2451
210.				.2120	.2120	.2140	.2209	.2221	.2193	.2236	.2203	.2178	.2311	.2266
220.	.2260	.2196	.2147	.2076	.2072	.2077	.2142	.2157	.2157	.2152	.2196	.2106	.2208	.2260
240.			.2059	.2042	.2029	.2005	.2070	.2073	.2066	.2049	.2127	.2073	.2049	.2176
270.	.2246	.2135		.2033	.2010	.2024	.2081	.2079	.2030	.2100	.2056	.2134	.2082	.2070
300.			.1868	.2024	.1986	.2010	.2050	.2058	.2043	.2074	.2169	.2105	.2017	.2129
320.	.2146	.2160	.2000	.2002	.1986	.2019	.2075	.2083	.2058	.2095	.2182	.2051	.2126	.2182
330.				.2025	.2001	.1961	.2102	.2102	.2070	.2115	.2136	.2064	.2208	.2179
340.		.2167	.2035	.2046	.2035	.2001	.2169	.2178	.2116	.2137	.2146	.2155	.2207	.2272
350.			.2155	.2134	.2109	.2058	.2255	.2261	.2223	.2236	.2256	.2247	.2296	.2301
							FOR ALPHA = 3.35 DEG							
0.	.1411	.1316	.1309	.1170	.1233	.1263	.1319	.1300	.1336	.1316	.1295	.1297	.1255	.1298
10.			.0371	.0362	.0340	.0315	.0448	.0480	.0500	.0498	.0418	.0379	.0452	.0454
20.		.0705	.0518	.0480	.0468	.0481	.0584	.0621	.0586	.0544	.0505	.0523	.0576	.0610
30.				.0537	.0530	.0521	.0614	.0642	.0614	.0599	.0579	.0547	.0667	.0629
40.	.0689	.0690	.0461	.0588	.0554	.0573	.0623	.0660	.0624	.0602	.0634	.0556	.0624	.0679
60.			.0438	.0629	.0564	.0549	.0600	.0632	.0611	.0584	.0656	.0604	.0556	.0659
90.	.0713	.0650		.0610	.0566	.0552	.0597	.0626	.1667	.0621	.0549	.0598	.0568	.0554
120.			.0364	.0549	.0554	.0512	.0556	.0580	.0590	.0568	.0565	.0498	.0504	.0587
140.	.0646	.0636	.0546	.0485	.0481	.0487	.0545	.0557	.0581	.0562	.0513	.0441	.0517	.0565
150.				.0412	.0417	.0414	.0490	.0488	.0498	.0517	.0445	.0374	.0488	.0489
160.		.0564	.0385	.0295	.0282	.0281	.0358	.0386	.0391	.0377	.0323	.0305	.0380	.0415
170.			.0366	.0300	.0277	.0219	.0342	.0318	.0320	.0385	.0339	.0288	.0311	.0331
180.	.2477	.2392	.2465	.2301	.2296	.2335	.2340	.2315	.2355	.2339	.2301	.2291	.2268	.2321
190.			.2669	.2650	.2614	.2606	.2726	.2745	.2744	.2800	.2765	.2702	.2751	.2759
200.		.2454	.2273	.2276	.2294	.2311	.2410	.2446	.2402	.2396	.2399	.2386	.2449	.2508
210.				.2159	.2160	.2158	.2244	.2266	.2217	.2248	.2228	.2205	.2360	.2314
220.	.2278	.2212	.2171	.2111	.2104	.2096	.2167	.2184	.2166	.2149	.2210	.2136	.2239	.2286
240.			.2034	.2063	.2042	.2008	.2079	.2068	.2080	.2038	.2132	.2091	.2061	.2179
270.	.2238	.2119		.2026	.2002	.2012	.2066	.2067	.2024	.2100	.2049	.2123	.2065	.2065
300.			.1899	.1990	.1948	.1989	.2024	.2017	.2014	.2078	.2149	.2085	.2001	.2115
320.	.2120	.2135	.1974	.1977	.1958	.1987	.2034	.2038	.2016	.2093	.2153	.2010	.2092	.2166
330.				.1953	.1941	.1901	.2050	.2053	.2028	.2088	.2101	.2013	.2175	.2141
340.		.2132	.1957	.1965	.1969	.1923	.2099	.2108	.2048	.2098	.2093	.2101	.2156	.2195
350.			.2045	.2011	.1996	.1932	.2143	.2158	.2124	.2138	.2159	.2145	.2183	.2196
							FOR ALPHA = 5.35 DEG							
0.	.1150	.1040	.1032	.0886	.0960	.0974	.1048	.1044	.1087	.1064	.1001	.0947	.0953	.1027
10.			.0364	.0405	.0367	.0330	.0500	.0511	.0489	.0464	.0402	.0395	.0441	.0463
20.		.0731	.0496	.0494	.0506	.0492	.0626	.0626	.0578	.0541	.0534	.0539	.0571	.0603
30.				.0537	.0555	.0524	.0648	.0637	.0596	.0599	.0594	.0545	.0655	.0621
40.	.0659	.0667	.0472	.0594	.0562	.0582	.0647	.0640	.0605	.0611	.0650	.0551	.0622	.0664
60.			.0442	.0618	.0548	.0541	.0603	.0597	.0578	.0580	.0648	.0591	.0545	.0637
90.	.0683	.0617		.0567	.0536	.0527	.0592	.0594	.1752	.0582	.0521	.0578	.0558	.0540
120.			.0420	.0501	.0519	.0491	.0532	.0547	.0564	.0504	.0516	.0473	.0472	.0557
140.	.0613	.0574	.0474	.0401	.0433	.0440	.0488	.0509	.0523	.0486	.0423	.0385	.0457	.0476
150.				.0331	.0338	.0336	.0404	.0425	.0430	.0430	.0327	.0308	.0421	.0413
160.		.0496	.0349	.0231	.0217	.0207	.0284	.0333	.0351	.0313	.0223	.0222	.0316	.0365
170.			.0388	.0328	.0274	.0223	.0323	.0330	.0351	.0408	.0329	.0301	.0314	.0351
180.	.2874	.2767	.2887	.2714	.2707	.2739	.2735	.2720	.2757	.2744	.2704	.2682	.2652	.2728
190.			.2818	.2832	.2826	.2825	.2940	.2938	.2955	.2998	.2972	.2905	.2965	.2954
200.		.2535	.2366	.2366	.2371	.2433	.2498	.2527	.2482	.2474	.2483	.2474	.2548	.2603
210.				.2206	.2209	.2233	.2324	.2301	.2265	.2291	.2281	.2250	.2424	.2367
220.	.2291	.2228	.2230	.2119	.2126	.2148	.2205	.2208	.2192	.2182	.2225	.2163	.2265	.2314
240.			.2042	.2060	.2046	.2013	.2082	.2074	.2073	.2038	.2142	.2074	.2075	.2186
270.	.2189	.2069		.2006	.1985	.1980	.2035	.2031	.2092	.2093	.2022	.2100	.2061	.2047
300.			.1748	.1936	.1888	.1923	.1970	.1951	.2011	.2055	.2091	.2026	.1975	.2075
320.	.2019	.1988	.1714	.1897	.1850	.1901	.1961	.1957	.2000	.2031	.2054	.1944	.2027	.2081
330.				.1839	.1839	.1788	.1944	.1937	.1985	.2021	.1988	.1926	.2088	.2035
340.		.2015	.1870	.1831	.1830	.1761	.1954	.1969	.1955	.1995	.1946	.1969	.2009	.2035
350.			.1841	.1786	.1763	.1713	.1923	.1941	.1935	.1964	.1940	.1902	.1961	.1962

TABLE III. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.35 DEG								
0.	.1457	.1441	.1397	.1362	.1374	.1327	.1362	.1379	.1372	.1342	.1328	.1378	.1372	0.
10.	.0437	.0426	.0362	.0303	.0425	.0255	.0281	.0283	.0253	.0278	.0413	.0452	.0366	10.
20.	.0517	.0516	.0479	.0488	.0479	.0438	.0423	.0402	.0429	.0503	.0461	.0462	.0438	20.
30.	.0546	.0523	.0538	.0532	.0462	.0492	.0460	.0497	.0529	.0533	.0441	.0472	.0574	30.
40.	.0615	.0539	.0544	.0570	.0494	.0515	.0489	.0575	.0602	.0536	.0451	.0555	.0628	40.
60.	.0619	.0539	.0560	.0558	.0484	.0481	.0486	.0564	.0598	.0566	.0606	.0578	.0632	60.
90.	.0561	.0513	.0528	.0541	.0403	.0450	.0451	.0504	.0533	.0479	.0556	.0605	.0604	90.
120.	.0565	.0470	.0479	.0472	.0422	.0413	.0421	.0437	.0435	.0401	.0513	.0530	.0591	120.
140.	.0549	.0454	.0446	.0463	.0395	.0416	.0436	.0431	.0432	.0397	.0322	.0433	.0513	140.
150.	.0454	.0431	.0442	.0404	.0333	.0386	.0392	.0378	.0361	.0394	.0314	.0341	.0402	150.
160.	.0427	.0414	.0361	.0359	.0367	.0316	.0309	.0311	.0259	.0322	.0329	.0344	.0293	160.
170.	.0325	.0334	.0268	.0233	.0347	.0195	.0175	.0210	.0190	.0195	.0200	.0262	.0296	170.
180.	.2123	.2080	.2074	.2057	.2063	.2062	.2065	.2058	.2040	.2020	.2016	.2080	.2013	180.
190.	.2658	.2621	.2573	.2531	.2768	.2599	.2630	.2649	.2560	.2578	.2591	.2634	.2673	190.
200.	.2328	.2318	.2288	.2296	.2315	.2361	.2348	.2357	.2282	.2233	.2229	.2332	.2300	200.
210.	.2176	.2141	.2156	.2144	.2139	.2184	.2206	.2206	.2160	.2091	.2031	.2118	.2215	210.
220.	.2169	.2039	.2076	.2104	.2080	.2122	.2137	.2144	.2098	.2022	.1961	.2105	.2209	220.
240.	.2107	.1994	.2008	.2001	.1988	.2005	.2026	.2019	.1933	.1957	.2118	.2098	.2160	240.
270.	.2071	.1995	.2016	.2044	.1925	.2003	.2017	.2003	.1978	.1975	.2117	.2151	.2153	270.
300.	.2119	.1985	.2011	.2041	.2014	.2053	.2073	.2069	.1977	.2019	.2177	.2118	.2187	300.
320.	.2104	.1981	.1995	.2077	.2055	.2101	.2114	.2101	.2061	.2006	.1978	.2105	.2193	320.
330.	.2089	.2041	.2046	.2089	.2057	.2100	.2119	.2109	.2043	.2035	.1993	.2069	.2192	330.
340.	.2139	.2121	.2107	.2130	.2138	.2186	.2169	.2171	.2088	.2076	.2110	.2208	.2166	340.
350.	.2293	.2259	.2191	.2125	.2338	.2173	.2243	.2248	.2192	.2244	.2272	.2294	.2298	350.
						FOR ALPHA = 3.35 DEG								
0.	.1309	.1275	.1232	.1214	.1214	.1186	.1208	.1230	.1203	.1186	.1161	.1235	.1229	0.
10.	.0457	.0418	.0373	.0289	.0426	.0277	.0256	.0306	.0279	.0314	.0423	.0395	.0322	10.
20.	.0510	.0518	.0492	.0487	.0477	.0444	.0428	.0431	.0462	.0526	.0432	.0462	.0460	20.
30.	.0555	.0526	.0550	.0537	.0469	.0482	.0471	.0534	.0567	.0523	.0425	.0482	.0590	30.
40.	.0613	.0527	.0538	.0567	.0492	.0502	.0495	.0578	.0614	.0512	.0450	.0561	.0625	40.
60.	.0631	.0537	.0562	.0552	.0487	.0475	.0507	.0559	.0614	.0543	.0605	.0576	.0633	60.
90.	.0557	.0498	.0521	.0536	.0395	.0441	.0454	.0503	.0526	.0464	.0558	.0600	.0598	90.
120.	.0545	.0456	.0466	.0463	.0410	.0408	.0412	.0425	.0400	.0393	.0498	.0530	.0591	120.
140.	.0528	.0436	.0435	.0457	.0373	.0399	.0430	.0422	.0416	.0383	.0302	.0422	.0500	140.
150.	.0421	.0408	.0429	.0380	.0310	.0375	.0370	.0366	.0343	.0379	.0300	.0322	.0380	150.
160.	.0384	.0385	.0334	.0317	.0323	.0288	.0294	.0311	.0242	.0317	.0307	.0326	.0276	160.
170.	.0333	.0346	.0258	.0219	.0310	.0180	.0175	.0177	.0143	.0174	.0177	.0252	.0287	170.
180.	.2316	.2260	.2262	.2238	.2236	.2258	.2261	.2249	.2223	.2200	.2208	.2265	.2187	180.
190.	.2771	.2727	.2681	.2624	.2840	.2692	.2741	.2756	.2671	.2670	.2690	.2736	.2790	190.
200.	.2383	.2372	.2335	.2361	.2360	.2407	.2424	.2414	.2333	.2291	.2284	.2408	.2368	200.
210.	.2205	.2161	.2190	.2178	.2168	.2223	.2249	.2234	.2179	.2128	.2079	.2161	.2257	210.
220.	.2188	.2056	.2089	.2128	.2094	.2146	.2158	.2174	.2105	.2040	.2013	.2130	.2230	220.
240.	.2113	.2001	.2020	.2017	.2002	.2004	.2030	.2027	.1940	.1961	.2133	.2108	.2168	240.
270.	.2064	.1992	.2006	.2033	.1916	.1998	.2010	.1989	.1969	.1967	.2106	.2151	.2147	270.
300.	.2107	.1962	.1994	.2015	.1985	.2018	.2054	.2045	.1952	.1999	.2150	.2077	.2181	300.
320.	.2076	.1944	.1978	.2036	.2025	.2057	.2059	.2048	.2028	.1969	.1939	.2078	.2163	320.
330.	.2036	.1977	.2018	.2055	.2004	.2040	.2060	.2048	-.001	.1997	.1948	.2017	.2155	330.
340.	.2066	.2049	.2040	.2053	.2066	.2112	.2092	.2099	.2011	.2023	.2039	.2130	.2097	340.
350.	.2189	.2144	.2064	.2014	.2242	.2065	.2123	.2140	.2084	.2146	.2158	.2161	.2177	350.
						FOR ALPHA = 5.35 DEG								
0.	.0996	.0967	.0950	.0927	.0944	.0885	.0916	.0925	.0897	.0847	.0869	.1005	.0979	0.
10.	.0464	.0412	.0354	.0286	.0447	.0280	.0271	.0326	.0321	.0395	.0345	.0331	.0352	10.
20.	.0525	.0524	.0483	.0483	.0483	.0462	.0467	.0527	.0526	.0425	.0387	.0494	.0489	20.
30.	.0541	.0537	.0551	.0536	.0457	.0474	.0544	.0591	.0534	.0459	.0424	.0504	.0589	30.
40.	.0594	.0520	.0538	.0557	.0471	.0471	.0553	.0626	.0541	.0483	.0459	.0554	.0608	40.
60.	.0606	.0511	.0537	.0533	.0446	.0450	.0537	.0625	.0531	.0485	.0596	.0565	.0615	60.
90.	.0532	.0475	.0503	.0518	.0377	.0428	.0480	.0532	.0465	.0417	.0523	.0568	.0575	90.
120.	.0503	.0417	.0443	.0452	.0407	.0400	.0387	.0429	.0359	.0348	.0486	.0516	.0568	120.
140.	.0440	.0392	.0415	.0438	.0352	.0367	.0386	.0410	.0381	.0323	.0286	.0389	.0462	140.
150.	.0334	.0338	.0382	.0342	.0276	.0352	.0338	.0334	.0330	.0322	.0262	.0285	.0340	150.
160.	.0320	.0302	.0250	.0234	.0250	.0213	.0269	.0286	.0221	.0289	.0254	.0278	.0243	160.
170.	.0349	.0363	.0286	.0239	.0309	.0169	.0168	.0176	.0124	.0121	.0155	.0229	.0266	170.
180.	.2709	.2661	.2669	.2620	.2641	.2667	.2674	.2660	.2627	.2613	.2612	.2661	.2599	180.
190.	.3016	.2938	.2886	.2839	.3052	.2903	.2942	.2960	.2886	.2895	.2910	.2945	.3015	190.
200.	.2483	.2472	.2436	.2448	.2463	.2519	.2530	.2545	.2448	.2433	.2394	.2542	.2475	200.
210.	.2247	.2224	.2254	.2218	.2241	.2305	.2305	.2285	.2243	.2190	.2147	.2204	.2303	210.
220.	.2230	.2096	.2125	.2171	.2132	.2181	.2211	.2194	.2133	.2109	.2034	.2161	.2273	220.
240.	.2132	.2007	.2023	.2026	.2025	.2024	.2023	.2012	.1961	.1975	.2126	.2114	.2200	240.
270.	.2039	.1969	.1996	.2008	.1916	.1992	.1979	.1958	.1945	.1950	.2081	.2129	.2146	270.
300.	.2043	.1901	.1981	.1986	.1946	.1979	.1985	.1961	.1913	.1962	.2115	.2061	.2116	300.
320.	.1975	.1872	.1920	.1960	.1933	.1985	.1954	.1958	.1953	.1888	.1863	.2032	.2067	320.
330.	.1921	.1898	.1940	.1930	.1904	.1955	.1951	.1935	.1904	.1890	.1862	.1933	.2032	330.
340.	.1911	.1914	.1915	.1918	.1929	.1975	.1938	.1938	.1912	.1884	.1873	.1981	.1957	340.
350.	.1941	.1896	.1860	.1804	.2005	.1836	.1905	.1895	.1857	.1897	.1888	.1910	.1978	350.

TABLE III. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 10.35 DEG								
0.	.0605	.0573	.0476	.0335	.0412	.0415	.0484	.0477	.0473	.0430	.0379	.0354	.0357	.0407
10.			.0441	.0442	.0411	.0337	.0472	.0477	.0470	.0443	.0388	.0364	.0403	.0421
20.		.0685	.0490	.0550	.0503	.0432	.0562	.0584	.0557	.0547	.0482	.0480	.0512	.0564
30.				.0570	.0495	.0431	.0555	.0575	.0559	.0566	.0526	.0463	.0591	.0569
40.	.0558	.0575	.0401	.0584	.0480	.0470	.0547	.0556	.0552	.0540	.0557	.0474	.0547	.0588
60.			.0222	.0498	.0435	.0401	.0487	.0507	.0499	.0489	.0557	.0537	.0464	.0538
90.	.0534	.0489		.0403	.0411	.0392	.0430	.0423	.2019	.0417	.0394	.0458	.0466	.0446
120.			.0383	.0323	.0361	.0351	.0344	.0341	.0341	.0313	.0319	.0306	.0347	.0449
140.	.0429	.0333	.0225	.0200	.0198	.0218	.0239	.0231	.0232	.0242	.0211	.0165	.0215	.0236
150.				.0102	.0110	.0114	.0148	.0158	.0152	.0178	.0145	.0129	.0205	.0178
160.		.0335	.0149	.0037	.0013	.0013	.0043	.0064	.0085	.0074	.0050	.0071	.0161	.0170
170.			.0495	.0445	.0420	.0362	.0460	.0432	.0397	.0466	.0444	.0461	.0462	.0507
180.	.3969	.3855	.4101	.3835	.3819	.3847	.3860	.3836	.3896	.3866	.3826	.3840	.3813	.3862
190.			.3268	.3327	.3319	.3277	.3474	.3474	.3529	.3601	.3561	.3515	.3567	.3568
200.		.2759	.2664	.2599	.2565	.2566	.2685	.2740	.2750	.2738	.2744	.2738	.2807	.2835
210.				.2276	.2303	.2286	.2396	.2385	.2374	.2432	.2427	.2379	.2523	.2490
220.	.2333	.2238	.2211	.2122	.2166	.2191	.2250	.2282	.2286	.2274	.2295	.2268	.2357	.2349
240.			.2008	.1985	.2034	.2005	.2073	.2062	.2081	.2048	.2140	.2081	.2097	.2145
270.	.2051	.1917		.1854	.1882	.1911	.1991	.1977	.2350	.2005	.1935	.2003	.2010	.1983
300.			.1733	.1728	.1745	.1797	.1872	.1887	.1891	.1901	.1953	.1884	.1811	.1917
320.	.1725	.1665	.1604	.1646	.1645	.1726	.1792	.1788	.1818	.1813	.1824	.1671	.1754	.1852
330.				.1571	.1599	.1555	.1717	.1729	.1753	.1757	.1698	.1589	.1743	.1739
340.		.1558	.1521	.1463	.1515	.1442	.1620	.1662	.1647	.1632	.1532	.1524	.1591	.1629
350.			.1351	.1266	.1271	.1214	.1407	.1450	.1407	.1368	.1311	.1301	.1351	.1364
						FOR ALPHA = 15.35 DEG								
0.	.0255	.0353	.0098	-.0010	.0043	.0043	.0143	.0105	.0117	.0066	.0016	.0005	.0034	.0147
10.			.0401	.0377	.0333	.0276	.0373	.0406	.0379	.0350	.0307	.0334	.0453	.0439
20.		.0517	.0391	.0440	.0406	.0350	.0455	.0483	.0453	.0440	.0392	.0449	.0548	.0507
30.				.0412	.0353	.0313	.0399	.0416	.0427	.0427	.0400	.0387	.0558	.0458
40.	.0389	.0450	.0108	.0370	.0314	.0332	.0363	.0365	.0400	.0410	.0441	.0362	.0474	.0455
60.			.0119	.0209	.0225	.0233	.0259	.0241	.0259	.0339	.0388	.0404	.0385	.0399
90.	.0317	.0278		.0117	.0148	.0170	.0201	.0188	.2506	.0211	.0190	.0270	.0336	.0343
120.			.0068	.0032	.0033	.0061	.0138	.0143	.0128	.0117	.0129	.0153	.0195	.0306
140.	.0215	.0043	-.0102	-.0131	-.0152	-.0088	-.0013	-.0011	-.0001	.0018	-.0018	-.0029	.0005	.0008
150.				-.0230	-.0246	-.0230	-.0136	-.0132	-.0129	-.0083	-.0075	-.0072	.0007	-.0044
160.		.0280	-.0048	-.0183	-.0237	-.0234	-.0204	-.0149	-.0092	-.0102	-.0127	-.0098	.0040	.0032
170.			.0754	.0773	.0688	.0632	.0772	.0747	.0810	.0859	.0843	.0847	.0872	.0930
180.	.5297	.5213	.5413	.5132	.5098	.5164	.5137	.5132	.5174	.5125	.5102	.5117	.5093	.5151
190.			.3852	.3908	.3931	.3927	.4122	.4100	.4155	.4231	.4180	.4095	.4223	.4222
200.		.3051	.2978	.2889	.2864	.2839	.2966	.3006	.3034	.3007	.2976	.2975	.3057	.3115
210.				.2408	.2428	.2390	.2533	.2499	.2495	.2567	.2523	.2455	.2557	.2571
220.	.2335	.2262	.2273	.2212	.2218	.2204	.2308	.2300	.2323	.2322	.2286	.2211	.2279	.2377
240.			.2036	.1960	.1974	.1980	.2040	.2033	.2092	.2045	.2069	.2008	.2060	.2122
270.	.1929	.1803		.1741	.1754	.1770	.1844	.1830	.2785	.1851	.1814	.1878	.1893	.1887
300.			.1523	.1519	.1500	.1556	.1642	.1673	.1676	.1717	.1790	.1738	.1650	.1757
320.	.1488	.1389	.1436	.1382	.1340	.1387	.1503	.1487	.1512	.1536	.1571	.1417	.1477	.1587
330.				.1246	.1236	.1187	.1352	.1361	.1387	.1408	.1389	.1244	.1411	.1424
340.		.1127	.1045	.1071	.1060	.0964	.1165	.1219	.1176	.1193	.1128	.1100	.1181	.1188
350.			.0808	.0721	.0681	.0609	.0819	.0854	.0769	.0771	.0753	.0733	.0773	.0799
						FOR ALPHA = 20.35 DEG								
0.	.0122	.0158	.0141	.0044	.0057	.0112	.0196	.0164	.0153	.0118	.0107	.0104	.0103	.0152
10.			.0372	.0342	.0337	.0288	.0442	.0374	.0320	.0301	.0310	.0323	.0351	.0342
20.		.0295	.0067	.0296	.0296	.0261	.0413	.0329	.0290	.0306	.0247	.0271	.0311	.0345
30.				.0173	.0204	.0194	.0337	.0245	.0261	.0277	.0220	.0128	.0261	.0273
40.	.0108	.0190	-.0182	.0040	.0126	.0169	.0285	.0172	.0181	.0215	.0224	.0098	.0137	.0249
60.			-.0084	-.0120	-.0064	-.0038	.0082	.0070	.0077	.0114	.0177	.0166	.0108	.0158
90.	-.0013	-.0088		-.0212	-.0185	-.0139	-.0039	-.0052	.3272	-.0101	-.0131	-.0093	-.0024	.0018
120.			-.0273	-.0337	-.0310	-.0259	-.0188	-.0122	-.0161	-.0200	-.0239	-.0243	-.0172	-.0152
140.	-.0051	-.0325	-.0483	-.0509	-.0497	-.0438	-.0404	-.0358	-.0353	-.0384	-.0431	-.0464	-.0428	-.0426
150.				-.0481	-.0514	-.0512	-.0506	-.0477	-.0458	-.0452	-.0469	-.0473	-.0392	-.0404
160.		.0432	.0020	-.0124	-.0142	-.0123	-.0088	-.0019	.0036	-.0003	-.0088	-.0109	.0078	.0031
170.			.1292	.1337	.1290	.1282	.1409	.1378	.1459	.1566	.1476	.1465	.1492	.1562
180.	.6761	.6664	.6816	.6468	.6563	.6599	.6559	.6542	.6577	.6531	.6474	.6480	.6479	.6523
190.			.4552	.4573	.4607	.4612	.4811	.4733	.4785	.4858	.4824	.4782	.4925	.4927
200.		.3334	.3329	.3064	.3097	.3122	.3219	.3258	.3268	.3192	.3274	.3269	.3390	.3482
210.				.2518	.2495	.2495	.2610	.2575	.2529	.2595	.2645	.2580	.2728	.2761
220.	.2375	.2259	.2261	.2232	.2251	.2224	.2278	.2280	.2271	.2280	.2278	.2248	.2344	.2366
240.			.1962	.1882	.1912	.1893	.1949	.1934	.1924	.1925	.1981	.1940	.2021	.2115
270.	.1770	.1633		.1586	.1601	.1626	.1679	.1681	.3458	.1660	.1664	.1703	.1732	.1770
300.			.1287	.1357	.1289	.1333	.1430	.1466	.1475	.1506	.1643	.1572	.1423	.1527
320.	.1167	.1012	.1093	.1113	.1007	.1105	.1235	.1207	.1208	.1277	.1311	.1096	.1125	.1258
330.				.0905	.0878	.0841	.0989	.0974	.1023	.1114	.1037	.0857	.1006	.1032
340.		.0674	.0585	.0651	.0629	.0538	.0695	.0745	.0756	.0810	.0681	.0622	.0690	.0680
350.			.0217	.0230	.0165	.0100	.0284	.0308	.0255	.0260	.0174	.0137	.0174	.0197

TABLE III. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.35 DEG								
0.	.0406	.0391	.0391	.0378	.0350	.0278	.0338	.0371	.0312	.0311	.0295	.0345	.0298	0.
10.	.0443	.0420	.0366	.0352	.0539	.0339	.0310	.0337	.0307	.0347	.0391	.0420	.0463	10.
20.	.0480	.0485	.0501	.0546	.0550	.0459	.0438	.0461	.0439	.0453	.0450	.0531	.0508	20.
30.	.0497	.0448	.0523	.0569	.0494	.0460	.0458	.0502	.0461	.0438	.0411	.0455	.0553	30.
40.	.0513	.0407	.0467	.0566	.0497	.0459	.0465	.0491	.0459	.0404	.0378	.0480	.0534	40.
60.	.0490	.0367	.0472	.0522	.0453	.0419	.0434	.0421	.0373	.0395	.0495	.0471	.0494	60.
90.	.0426	.0378	.0424	.0485	.0385	.0347	.0303	.0294	.0294	.0307	.0402	.0451	.0463	90.
120.	.0423	.0330	.0355	.0367	.0366	.0309	.0230	.0228	.0207	.0237	.0331	.0356	.0412	120.
140.	.0251	.0220	.0266	.0300	.0248	.0261	.0228	.0239	.0243	.0237	.0164	.0231	.0297	140.
150.	.0064	.0064	.0111	.0133	.0098	.0224	.0178	.0156	.0132	.0159	.0131	.0152	.0216	150.
160.	.0125	.0129	.0087	.0113	.0100	.0027	.0074	.0072	-.0001	.0040	.0042	.0125	.0140	160.
170.	.0473	.0495	.0394	.0350	.0433	.0278	.0280	.0338	.0284	.0214	.0231	.0295	.0352	170.
180.	.3825	.3800	.3808	.3762	.3797	.3827	.3833	.3823	.3814	.3784	.3791	.3861	.3765	180.
190.	.3569	.3518	.3523	.3422	.3644	.3505	.3508	.3529	.3450	.3466	.3525	.3611	.3698	190.
200.	.2760	.2748	.2718	.2737	.2726	.2757	.2764	.2756	.2714	.2742	.2727	.2920	.2889	200.
210.	.2328	.2363	.2406	.2417	.2418	.2467	.2446	.2440	.2378	.2373	.2347	.2443	.2505	210.
220.	.2301	.2184	.2263	.2293	.2253	.2242	.2283	.2286	.2214	.2196	.2141	.2304	.2390	220.
240.	.2108	.2001	.2058	.2072	.2047	.2028	.1980	.1988	.1943	.1975	.2164	.2183	.2253	240.
270.	.1951	.1933	.1958	.1965	.1834	.1891	.1894	.1869	.1870	.1878	.2010	.2075	.2049	270.
300.	.1917	.1822	.1871	.1821	.1766	.1797	.1833	.1850	.1816	.1815	.1883	.1848	.1870	300.
320.	.1798	.1688	.1711	.1725	.1688	.1752	.1758	.1774	.1738	.1640	.1566	.1733	.1784	320.
330.	.1658	.1647	.1648	.1640	.1644	.1698	.1659	.1686	.1638	.1549	.1503	.1611	.1705	330.
340.	.1531	.1559	.1565	.1569	.1582	.1611	.1581	.1552	.1527	.1437	.1424	.1591	.1610	340.
350.	.1385	.1392	.1345	.1279	.1463	.1283	.1304	.1285	.1309	.1339	.1315	.1395	.1450	350.
						FOR ALPHA = 15.35 DEG								
0.	.0131	.0070	.0050	.0030	-.0000	-.0106	-.0072	-.0075	-.0084	-.0069	-.0079	-.0001	-.0025	0.
10.	.0417	.0374	.0359	.0334	.0434	.0308	.0331	.0320	.0282	.0297	.0324	.0280	.0315	10.
20.	.0404	.0424	.0441	.0473	.0502	.0499	.0462	.0422	.0349	.0349	.0314	.0357	.0423	20.
30.	.0375	.0380	.0419	.0444	.0396	.0425	.0399	.0394	.0332	.0352	.0261	.0244	.0441	30.
40.	.0381	.0346	.0361	.0415	.0339	.0351	.0335	.0350	.0340	.0331	.0240	.0267	.0406	40.
60.	.0352	.0283	.0350	.0337	.0224	.0211	.0215	.0246	.0225	.0295	.0389	.0265	.0301	60.
90.	.0233	.0191	.0232	.0249	.0090	.0119	.0128	.0128	.0126	.0134	.0259	.0264	.0279	90.
120.	.0229	.0102	.0138	.0125	.0085	.0081	.0068	.0047	-.0003	-.0003	.0169	.0202	.0257	120.
140.	-.0010	-.0041	-.0032	-.0002	-.0030	-.0023	.0017	.0010	-.0001	.0006	.0007	.0155	.0138	140.
150.	-.0104	-.0177	-.0198	-.0229	-.0277	-.0187	-.0151	-.0101	-.0126	-.0101	-.0067	-.0010	.0041	150.
160.	.0054	.0078	.0027	.0006	.0023	-.0018	-.0003	-.0009	-.0115	-.0077	-.0092	-.0035	-.0031	160.
170.	.0889	.0984	.0793	.0716	.0774	.0592	.0577	.0603	.0571	.0553	.0594	.0666	.0715	170.
180.	.5150	.5106	.5094	.5065	.5055	.5111	.5131	.5126	.5097	.5068	.5044	.5113	.5056	180.
190.	.4200	.4183	.4122	.4066	.4240	.4118	.4168	.4262	.4163	.4133	.4219	.4278	.4329	190.
200.	.3040	.3036	.2973	.2959	.2981	.3063	.3110	.3107	.3061	.3069	.3070	.3196	.3178	200.
210.	.2419	.2417	.2488	.2473	.2491	.2675	.2671	.2654	.2568	.2562	.2515	.2566	.2648	210.
220.	.2282	.2234	.2315	.2299	.2290	.2340	.2415	.2408	.2331	.2293	.2200	.2326	.2431	220.
240.	.2101	.1957	.1988	.1987	.2044	.2069	.2040	.1990	.1897	.1927	.2088	.2121	.2195	240.
270.	.1825	.1784	.1819	.1830	.1697	.1756	.1771	.1763	.1740	.1726	.1870	.1943	.1950	270.
300.	.1716	.1593	.1683	.1627	.1486	.1540	.1583	.1599	.1553	.1617	.1765	.1703	.1760	300.
320.	.1522	.1388	.1423	.1426	.1367	.1406	.1439	.1459	.1436	.1382	.1369	.1516	.1568	320.
330.	.1319	.1286	.1310	.1290	.1215	.1322	.1341	.1323	.1283	.1268	.1256	.1321	.1376	330.
340.	.1106	.1121	.1162	.1168	.1131	.1180	.1180	.1113	.1090	.1055	.1020	.1162	.1161	340.
350.	.0821	.0872	.0823	.0734	.0886	.0693	.0718	.0679	.0683	.0706	.0710	.0755	.0810	350.
						FOR ALPHA = 20.35 DEG								
0.	.0163	.0157	.0154	.0140	.0149	.0049	.0037	.0055	.0067	.0023	.0015	.0062	.0043	0.
10.	.0354	.0345	.0301	.0292	.0409	.0148	.0227	.0274	.0220	.0236	.0271	.0280	.0319	10.
20.	.0273	.0302	.0305	.0339	.0266	.0180	.0228	.0239	.0243	.0202	.0160	.0267	.0276	20.
30.	.0217	.0219	.0223	.0250	.0108	.0062	.0117	.0165	.0141	.0137	.0140	.0173	.0213	30.
40.	.0204	.0156	.0145	.0181	.0040	-.0022	.0053	.0105	.0085	.0052	.0038	.0165	.0210	40.
60.	.0127	.0062	.0085	.0058	-.0054	-.0119	-.0130	-.0010	-.0026	.0015	.0101	.0048	.0064	60.
90.	.0020	-.0047	-.0034	-.0021	-.0136	-.0142	-.0180	-.0125	-.0134	-.0147	-.0069	-.0035	-.0016	90.
120.	-.0131	-.0169	-.0142	-.0159	-.0149	-.0100	-.0193	-.0249	-.0274	-.0315	-.0208	-.0159	-.0083	120.
140.	-.0472	-.0465	-.0446	-.0442	-.0449	-.0387	-.0355	-.0397	-.0360	-.0354	-.0385	-.0279	-.0205	140.
150.	-.0482	-.0501	-.0510	-.0546	-.0609	-.0540	-.0505	-.0499	-.0519	-.0442	-.0459	-.0486	-.0433	150.
160.	.0047	.0059	.0079	.0082	.0100	.0010	.0090	.0107	.0033	.0064	.0028	.0039	.0071	160.
170.	.1527	.1554	.1389	.1348	.1387	.1213	.1184	.1248	.1206	.1120	.1169	.1255	.1288	170.
180.	.6526	.6467	.6467	.6428	.6460	.6523	.6529	.6495	.6512	.6492	.6449	.6514	.6423	180.
190.	.4968	.4873	.4846	.4758	.4976	.4837	.4842	.4912	.4810	.4866	.4940	.4913	.4963	190.
200.	.3446	.3416	.3339	.3296	.3338	.3379	.3385	.3394	.3303	.3407	.3386	.3474	.3486	200.
210.	.2559	.2581	.2603	.2571	.2600	.2763	.2763	.2763	.2719	.2727	.2658	.2706	.2738	210.
220.	.2374	.2300	.2324	.2375	.2377	.2381	.2405	.2427	.2420	.2367	.2274	.2405	.2454	220.
240.	.2083	.1933	.1984	.1975	.1982	.2006	.1992	.1931	.1865	.1829	.1960	.2030	.2136	240.
270.	.1702	.1647	.1679	.1704	.1591	.1619	.1653	.1656	.1678	.1676	.1690	.1714	.1777	270.
300.	.1490	.1407	.1439	.1429	.1312	.1336	.1308	.1377	.1432	.1523	.1510	.1395	.1444	300.
320.	.1223	.1100	.1092	.1090	.1023	.1059	.1029	.1089	.1207	.1111	.1012	.1117	.1172	320.
330.	.0932	.0895	.0886	.0849	.0814	.0872	.0843	.0922	.1011	.0891	.0845	.0897	.0946	330.
340.	.0593	.0625	.0636	.0653	.0661	.0609	.0610	.0662	.0683	.0579	.0529	.0660	.0708	340.
350.	.0231	.0275	.0179	.0144	.0322	.0109	.0096	.0076	.0152	.0107	.0156	.0185	.0239	350.

TABLE III. - CONTINUED

(E) MACH = 2.50, BETA = -.01 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.50 DEG								
0.	.2982	.2948	.3025	.2963	.2894	.2943	.2953	.2922	.2980	.2967	.2932	.2915	.2906	.2989
10.			.1601	.1635	.1609	.1571	.1704	.1659	.1679	.1733	.1677	.1663	.1675	.1716
20.		.1325	.1240	.1149	.1131	.1118	.1194	.1201	.1241	.1209	.1174	.1173	.1245	.1288
30.				.1038	.1000	.1001	.1069	.1090	.1072	.1080	.1095	.1026	.1131	.1136
40.	.1169	.1070	.0870	.0981	.0968	.1024	.1014	.1056	.1039	.1017	.1037	.0986	.1048	.1070
60.			.0880	.0947	.0961	.0942	.0976	.0990	.0975	.0961	.1007	.0985	.0975	.1028
90.	.1069	.0980		.0857	.0901	.0888	.0912	.0921	.2201	.0953	.0886	.0945	.0961	.0917
120.			.0760	.0759	.0823	.0861	.0865	.0863	.0834	.0842	.0899	.0878	.0865	.0907
140.	.1022	.0965	.0774	.0771	.0841	.0922	.0871	.0864	.0888	.0867	.0881	.0850	.0860	.0923
150.				.0812	.0809	.0830	.0874	.0875	.0884	.0881	.0871	.0828	.0899	.0906
160.		.0972	.0820	.0836	.0850	.0818	.0886	.0930	.0908	.0897	.0865	.0861	.0923	.0923
170.			.0914	.0945	.0954	.0897	.1001	.1015	.1001	.1008	.0985	.0946	.0998	.0998
180.	.1446	.1370	.1401	.1376	.1346	.1346	.1381	.1387	.1423	.1384	.1372	.1361	.1363	.1376
						FOR ALPHA = -2.51 DEG								
0.	.2552	.2541	.2666	.2562	.2540	.2513	.2518	.2532	.2602	.2585	.2509	.2511	.2544	.2567
10.			.1469	.1480	.1441	.1393	.1513	.1503	.1510	.1546	.1520	.1475	.1500	.1538
20.		.1257	.1161	.1090	.1088	.1065	.1134	.1159	.1173	.1146	.1151	.1135	.1170	.1215
30.				.1006	.0985	.0971	.1043	.1064	.1041	.1046	.1057	.1011	.1095	.1095
40.	.1173	.1084	.0897	.0963	.0945	.1026	.1013	.1024	.1037	.1010	.1038	.0991	.1026	.1051
60.			.0890	.0946	.0946	.0954	.0980	.0975	.0979	.0961	.1011	.0982	.0955	.1002
90.	.1099	.1013		.0845	.0917	.0917	.0927	.0928	.2145	.0980	.0899	.0944	.0971	.0931
120.			.0793	.0791	.0846	.0864	.0880	.0881	.0892	.0868	.0907	.0895	.0884	.0940
140.	.1038	.0979	.0823	.0822	.0838	.0910	.0886	.0909	.0919	.0906	.0910	.0862	.0906	.0968
150.				.0837	.0851	.0830	.0894	.0922	.0917	.0920	.0901	.0859	.0934	.0973
160.		.1009	.0861	.0888	.0888	.0868	.0932	.0960	.0964	.0953	.0931	.0919	.0964	.1001
170.			.1038	.1061	.1037	.1010	.1103	.1093	.1067	.1130	.1119	.1080	.1077	.1130
180.	.1719	.1660	.1691	.1656	.1601	.1640	.1673	.1663	.1688	.1686	.1642	.1673	.1662	.1678
						FOR ALPHA = -1.50 DEG								
0.	.2368	.2349	.2398	.2329	.2311	.2347	.2326	.2355	.2374	.2386	.2347	.2387	.2289	.2371
10.			.1401	.1397	.1373	.1338	.1470	.1419	.1443	.1483	.1453	.1433	.1449	.1512
20.		.1240	.1136	.1085	.1050	.1056	.1117	.1129	.1146	.1135	.1121	.1105	.1162	.1221
30.				.0998	.0983	.0970	.1036	.1047	.1042	.1056	.1068	.0991	.1097	.1106
40.	.1167	.1074	.0888	.0976	.0971	.1040	.1001	.1030	.1018	.1026	.1035	.0986	.1020	.1066
60.			.0887	.0924	.0968	.0956	.0984	.0988	.0985	.0981	.1024	.0988	.0970	.1024
90.	.1109	.1031		.0853	.0925	.0923	.0945	.0943	.2118	.1003	.0906	.0967	.0958	.0946
120.			.0796	.0819	.0873	.0867	.0896	.0909	.0899	.0908	.0942	.0912	.0876	.0946
140.	.1043	.0971	.0818	.0861	.0858	.0918	.0887	.0933	.0922	.0939	.0930	.0891	.0921	.0979
150.				.0879	.0855	.0859	.0921	.0951	.0931	.0950	.0920	.0869	.0977	.0980
160.		.1026	.0906	.0931	.0887	.0902	.0952	.0997	.1000	.0985	.0945	.0935	.1005	.1050
170.			.1094	.1131	.1079	.1058	.1161	.1150	.1166	.1182	.1145	.1148	.1156	.1195
180.	.1860	.1824	.1863	.1830	.1776	.1789	.1849	.1840	.1862	.1824	.1817	.1820	.1817	.1821
						FOR ALPHA = -.50 DEG								
0.	.2211	.2170	.2219	.2138	.2145	.2133	.2156	.2155	.2190	.2193	.2166	.2176	.2166	.2200
10.			.1326	.1336	.1284	.1263	.1373	.1361	.1365	.1398	.1368	.1377	.1384	.1384
20.		.1184	.1093	.1048	.1018	.1017	.1082	.1104	.1116	.1094	.1068	.1080	.1138	.1162
30.				.0981	.0953	.0941	.1024	.1037	.1015	.1035	.1029	.0982	.1080	.1077
40.	.1156	.1067	.0909	.0979	.0940	.1006	.0987	.1007	.1005	.1005	.1019	.0977	.1014	.1056
60.			.0897	.0911	.0944	.0940	.0976	.0983	.0961	.0956	.1023	.0990	.0954	.1016
90.	.1115	.1036		.0862	.0904	.0910	.0951	.0955	.2113	.0996	.0926	.0970	.0965	.0936
120.			.0822	.0818	.0878	.0880	.0921	.0916	.0909	.0917	.0953	.0935	.0891	.0962
140.	.1074	.0970	.0838	.0885	.0876	.0941	.0925	.0940	.0936	.0957	.0945	.0910	.0935	.1009
150.				.0895	.0877	.0875	.0928	.0970	.0948	.0984	.0953	.0906	.0988	.0999
160.		.1063	.0943	.0957	.0922	.0927	.0971	.1021	.1026	.1042	.0969	.0982	.1018	.1070
170.			.1155	.1198	.1149	.1136	.1225	.1225	.1228	.1254	.1199	.1181	.1209	.1267
180.	.2031	.1976	.2020	.1980	.1956	.1987	.1993	.2010	.2035	.2029	.1978	.1952	.1993	.2014
						FOR ALPHA = .51 DEG								
0.	.2049	.1962	.2020	.1962	.1946	.1980	.1958	.1967	.2033	.2031	.2016	.1990	.2016	.1993
10.			.1244	.1273	.1223	.1198	.1290	.1294	.1292	.1326	.1328	.1281	.1310	.1329
20.		.1142	.1015	.1026	.1007	.0996	.1037	.1074	.1089	.1072	.1046	.1051	.1094	.1117
30.				.0965	.0952	.0928	.0990	.1026	.1003	.1025	.1010	.0974	.1058	.1060
40.	.1136	.1048	.0913	.0955	.0932	.0995	.0982	.1010	.1001	.0993	.0994	.0959	.1007	.1052
60.			.0902	.0884	.0925	.0933	.0971	.0985	.0969	.0948	.0998	.0988	.0955	.1019
90.	.1115	.1033		.0856	.0887	.0913	.0958	.0965	.2114	.0981	.0921	.0976	.0968	.0936
120.			.0804	.0837	.0867	.0871	.0933	.0934	.0916	.0905	.0949	.0935	.0894	.0951
140.	.1071	.0993	.0830	.0905	.0876	.0932	.0924	.0941	.0941	.0955	.0970	.0920	.0952	.0991
150.				.0918	.0891	.0874	.0934	.0972	.0950	.0984	.0978	.0901	.0993	.0988
160.		.1099	.1014	.0962	.0940	.0944	.1009	.1035	.1054	.1046	.1004	.1002	.1058	.1080
170.			.1240	.1246	.1204	.1181	.1292	.1254	.1275	.1301	.1274	.1265	.1286	.1317
180.	.2213	.2144	.2219	.2160	.2111	.2138	.2157	.2169	.2196	.2187	.2144	.2140	.2163	.2182
						FOR ALPHA = 1.50 DEG								
0.	.1870	.1844	.1828	.1821	.1788	.1821	.1844	.1854	.1896	.1883	.1847	.1843	.1841	.1878
10.			.1174	.1206	.1183	.1139	.1245	.1236	.1238	.1289	.1247	.1234	.1258	.1281
20.		.1125	.0973	.1002	.0987	.0960	.1016	.1035	.1076	.1066	.1032	.1009	.1075	.1110
30.				.0959	.0946	.0939	.0982	.1006	.1007	.1013	.1001	.0954	.1034	.1052
40.	.1132	.1053	.0887	.0938	.0923	.1011	.0961	.1004	.0996	.0979	.0985	.0933	.0994	.1045
60.			.0881	.0870	.0931	.0946	.0961	.0983	.0974	.0966	.0990	.0974	.0963	.1008
90.	.1106	.1022		.0834	.0916	.0915	.0941	.0950	.2132	.0991	.0900	.0966	.0965	.0933
120.			.0813	.0845	.0867	.0901	.0925	.0918	.0899	.0898	.0937	.0924	.0896	.0944
140.	.1096	.0985	.0818	.0889	.0849	.0955	.0934	.0953	.0955	.0951	.0959	.0921	.0946	.0968
150.				.0907	.0873	.0879	.0951	.0981	.0966	.0985	.0985	.0918	.0985	.1004
160.		.1132	.1033	.0978	.0963	.0961	.1023	.1051	.1066	.1043	.1009	.1014	.1056	.1088
170.			.1309	.1307	.1269	.1250	.1360	.1320	.1315	.1384	.1349	.1309	.1337	.1344
180.	.2386	.2325	.2397	.2324	.2295	.2333	.2327	.2341	.2368	.2366	.2327	.2329	.2296	.2336

TABLE III. - CONTINUED

(E) MACH = 2.50, BETA = -.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.50 DEG								
0.	.3000	.2952	.2926	.2937	.2929	.2927	.2894	.2884	.2888	.2942	.2857	.2937	.2877	0.
10.	.1721	.1710	.1701	.1624	.1710	.1587	.1576	.1611	.1559	.1583	.1602	.1651	.1698	10.
20.	.1210	.1236	.1249	.1232	.1219	.1173	.1184	.1185	.1134	.1187	.1138	.1228	.1242	20.
30.	.1028	.1046	.1065	.1073	.0989	.1012	.1029	.1016	.0976	.1036	.0999	.1030	.1059	30.
40.	.1038	.0989	.0986	.1013	.0925	.0939	.0966	.0973	.0968	.0988	.0947	.0990	.1025	40.
60.	.0992	.0922	.0953	.0951	.0870	.0891	.0881	.0892	.0871	.0882	.0971	.0989	.1024	60.
90.	.0913	.0873	.0890	.0902	.0780	.0793	.0801	.0789	.0798	.0795	.0864	.0897	.0921	90.
120.	.0879	.0833	.0843	.0817	.0753	.0721	.0733	.0742	.0746	.0726	.0766	.0797	.0799	120.
140.	.0881	.0820	.0826	.0801	.0743	.0755	.0766	.0750	.0729	.0706	.0674	.0756	.0792	140.
150.	.0861	.0830	.0837	.0805	.0767	.0773	.0756	.0769	.0714	.0719	.0718	.0721	.0754	150.
160.	.0896	.0873	.0855	.0842	.0832	.0802	.0794	.0776	.0728	.0747	.0740	.0793	.0781	160.
170.	.1044	.0985	.0940	.0922	.0991	.0866	.0870	.0849	.0824	.0842	.0863	.0873	.0863	170.
180.	.1388	.1358	.1357	.1362	.1322	.1265	.1271	.1253	.1239	.1249	.1236	.1256	.1220	180.
						FOR ALPHA = -2.51 DEG								
0.	.2607	.2533	.2546	.2539	.2530	.2463	.2483	.2504	.2492	.2495	.2431	.2520	.2484	0.
10.	.1565	.1573	.1498	.1465	.1571	.1422	.1436	.1455	.1391	.1443	.1446	.1456	.1503	10.
20.	.1181	.1182	.1159	.1150	.1130	.1106	.1128	.1117	.1061	.1092	.1083	.1161	.1161	20.
30.	.1027	.1011	.1024	.1008	.0966	.1008	.0987	.1005	.0963	.0995	.0969	.0988	.1018	30.
40.	.1046	.0981	.0966	.0990	.0934	.0940	.0949	.0959	.0940	.0960	.0918	.0962	.0996	40.
60.	.0988	.0934	.0959	.0954	.0897	.0879	.0868	.0872	.0891	.0902	.0955	.0991	.1006	60.
90.	.0933	.0886	.0903	.0916	.0813	.0823	.0822	.0814	.0815	.0802	.0859	.0926	.0937	90.
120.	.0893	.0839	.0843	.0868	.0807	.0777	.0761	.0774	.0762	.0745	.0813	.0833	.0847	120.
140.	.0925	.0848	.0854	.0869	.0795	.0795	.0784	.0811	.0779	.0753	.0721	.0775	.0822	140.
150.	.0906	.0881	.0877	.0872	.0813	.0805	.0797	.0822	.0790	.0774	.0735	.0750	.0809	150.
160.	.0956	.0942	.0916	.0937	.0901	.0853	.0871	.0859	.0816	.0788	.0767	.0835	.0881	160.
170.	.1149	.1097	.1067	.1034	.1113	.0980	.0976	.0972	.0943	.0943	.0942	.0974	.1007	170.
180.	.1689	.1652	.1646	.1614	.1615	.1535	.1554	.1560	.1537	.1530	.1508	.1526	.1510	180.
						FOR ALPHA = -1.50 DEG								
0.	.2393	.2332	.2346	.2328	.2330	.2286	.2274	.2287	.2273	.2291	.2263	.2321	.2292	0.
10.	.1520	.1466	.1453	.1375	.1499	.1372	.1343	.1359	.1345	.1363	.1370	.1385	.1443	10.
20.	.1160	.1166	.1135	.1129	.1120	.1089	.1094	.1095	.1054	.1084	.1049	.1140	.1149	20.
30.	.1034	.1020	.1025	.1029	.0974	.0977	.0997	.0985	.0962	.0989	.0946	.0968	.1022	30.
40.	.1046	.0971	.0971	.1005	.0926	.0945	.0958	.0964	.0951	.0952	.0909	.0967	.1012	40.
60.	.1003	.0933	.0977	.0970	.0905	.0889	.0883	.0910	.0908	.0885	.0974	.0978	.1016	60.
90.	.0934	.0900	.0911	.0928	.0818	.0820	.0840	.0843	.0823	.0816	.0885	.0937	.0967	90.
120.	.0899	.0840	.0872	.0864	.0810	.0805	.0784	.0799	.0780	.0758	.0840	.0846	.0880	120.
140.	.0933	.0856	.0875	.0900	.0821	.0822	.0823	.0815	.0813	.0800	.0759	.0791	.0841	140.
150.	.0910	.0907	.0903	.0898	.0848	.0833	.0823	.0816	.0817	.0811	.0781	.0774	.0822	150.
160.	.0987	.0976	.0963	.0958	.0955	.0906	.0910	.0878	.0857	.0834	.0796	.0891	.0904	160.
170.	.1219	.1162	.1142	.1077	.1184	.1043	.1062	.1041	.1004	.1009	.0993	.1047	.1093	170.
180.	.1847	.1814	.1807	.1790	.1754	.1717	.1700	.1710	.1696	.1681	.1667	.1709	.1658	180.
						FOR ALPHA = -.50 DEG								
0.	.2221	.2188	.2167	.2158	.2167	.2112	.2091	.2110	.2106	.2108	.2115	.2119	.2055	0.
10.	.1428	.1406	.1352	.1312	.1427	.1299	.1283	.1317	.1254	.1274	.1291	.1307	.1342	10.
20.	.1126	.1121	.1108	.1088	.1088	.1072	.1068	.1047	.1017	.1031	.1032	.1103	.1098	20.
30.	.1012	.1016	.1025	.0989	.0938	.0965	.0964	.0965	.0946	.0967	.0943	.0964	.0993	30.
40.	.1025	.0964	.0968	.0979	.0915	.0934	.0955	.0944	.0925	.0943	.0901	.0939	.0998	40.
60.	.0985	.0935	.0969	.0951	.0891	.0890	.0890	.0886	.0886	.0883	.0952	.0970	.1006	60.
90.	.0926	.0903	.0917	.0941	.0813	.0836	.0842	.0838	.0832	.0826	.0888	.0929	.0956	90.
120.	.0914	.0862	.0874	.0873	.0807	.0808	.0803	.0820	.0802	.0791	.0849	.0861	.0895	120.
140.	.0942	.0885	.0876	.0903	.0838	.0851	.0849	.0841	.0826	.0804	.0782	.0814	.0861	140.
150.	.0921	.0918	.0921	.0917	.0875	.0886	.0853	.0844	.0831	.0818	.0803	.0798	.0848	150.
160.	.1029	.1017	.0997	.0992	.0990	.0940	.0948	.0911	.0895	.0867	.0842	.0900	.0920	160.
170.	.1296	.1263	.1208	.1152	.1265	.1090	.1112	.1108	.1104	.1054	.1068	.1088	.1143	170.
180.	.2010	.1994	.1961	.1963	.1959	.1875	.1864	.1892	.1852	.1845	.1796	.1850	.1826	180.
						FOR ALPHA = .51 DEG								
0.	.2049	.1982	.2005	.1983	.1995	.1897	.1897	.1913	.1925	.1935	.1886	.1954	.1902	0.
10.	.1366	.1347	.1289	.1249	.1360	.1202	.1217	.1232	.1194	.1200	.1210	.1231	.1263	10.
20.	.1093	.1074	.1077	.1075	.1060	.1020	.1045	.1018	.0988	.0988	.0994	.1070	.1057	20.
30.	.1012	.0991	.1003	.0979	.0924	.0961	.0954	.0957	.0932	.0941	.0924	.0941	.0972	30.
40.	.1016	.0948	.0946	.0955	.0900	.0915	.0944	.0946	.0913	.0910	.0891	.0933	.0990	40.
60.	.0978	.0938	.0951	.0941	.0903	.0882	.0880	.0890	.0884	.0888	.0954	.0969	.0995	60.
90.	.0925	.0893	.0924	.0933	.0816	.0832	.0840	.0827	.0831	.0832	.0898	.0940	.0952	90.
120.	.0916	.0839	.0870	.0856	.0810	.0820	.0825	.0830	.0804	.0792	.0852	.0869	.0903	120.
140.	.0950	.0887	.0892	.0899	.0827	.0868	.0881	.0863	.0832	.0810	.0793	.0826	.0869	140.
150.	.0930	.0935	.0947	.0926	.0870	.0891	.0873	.0861	.0836	.0848	.0824	.0828	.0856	150.
160.	.1031	.1056	.1043	.1024	.1008	.0962	.0977	.0934	.0903	.0906	.0856	.0925	.0916	160.
170.	.1332	.1321	.1262	.1217	.1321	.1176	.1171	.1174	.1145	.1135	.1132	.1157	.1193	170.
180.	.2228	.2156	.2144	.2127	.2117	.2038	.2051	.2029	.2031	.2030	.2000	.2011	.1959	180.
						FOR ALPHA = 1.50 DEG								
0.	.1866	.1806	.1854	.1833	.1864	.1772	.1780	.1780	.1779	.1785	.1732	.1798	.1764	0.
10.	.1316	.1242	.1229	.1202	.1281	.1136	.1140	.1174	.1149	.1155	.1140	.1182	.1219	10.
20.	.1061	.1038	.1055	.1068	.1059	.0989	.1020	.0999	.0963	.0974	.0961	.1030	.1049	20.
30.	.0976	.0981	.0990	.0972	.0920	.0920	.0938	.0938	.0911	.0923	.0900	.0932	.0969	30.
40.	.1005	.0914	.0941	.0960	.0887	.0897	.0936	.0945	.0927	.0896	.0881	.0939	.0973	40.
60.	.0983	.0921	.0936	.0945	.0879	.0882	.0883	.0890	.0893	.0868	.0955	.0964	.0986	60.
90.	.0924	.0879	.0916	.0920	.0809	.0814	.0827	.0825	.0838	.0823	.0893	.0935	.0966	90.
120.	.0910	.0838	.0854	.0867	.0812	.0800	.0803	.0801	.0818	.0794	.0850	.0869	.0900	120.
140.	.0937	.0879	.0875	.0889	.0854	.0862	.0866	.0859	.0841	.0816	.0795	.0837	.0872	140.
150.	.0937	.0922	.0939	.0910	.0890	.0899	.0888	.0881	.0842	.0845	.0827	.0830	.0852	150.
160.	.1076	.1070	.1041	.1020	.1020	.0981	.0999	.0969	.0923	.0924	.0889	.0935	.0949	160.
170.	.1411	.1383	.1342	.1282	.1374	.1239	.1231	.1229	.1181	.1172	.1177	.1191	.1229	170.
180.	.2365	.2321	.2329	.2281	.2319	.2210	.2200	.2179	.2179	.2197	.2132	.2209	.2125	180.

TABLE III. - CONTINUED

(E) MACH = 2.50, BETA = -.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.50 DEG								
0.	.1719	.1670	.1678	.1647	.1617	.1625	.1682	.1696	.1738	.1724	.1671	.1708	.1676	.1701
10.			.1114	.1110	.1103	.1080	.1173	.1159	.1170	.1217	.1173	.1150	.1180	.1184
20.		.1071	.0914	.0958	.0944	.0936	.0995	.1022	.1038	.1037	.0999	.1000	.1028	.1063
30.				.0933	.0900	.0909	.0960	.0983	.0982	.1000	.0977	.0918	.1004	.1026
40.	.1098	.1043	.0886	.0892	.0888	.0994	.0958	.0971	.0973	.0978	.0982	.0923	.0961	.1030
60.			.0849	.0839	.0910	.0923	.0955	.0964	.0941	.0944	.0975	.0959	.0942	.1006
90.	.1083	.1005		.0856	.0925	.0902	.0934	.0939	.2167	.0981	.0903	.0952	.0964	.0938
120.			.0823	.0892	.0878	.0871	.0937	.0934	.0912	.0901	.0955	.0929	.0908	.0957
140.	.1079	.0992	.0835	.0899	.0881	.0951	.0950	.0970	.0974	.0951	.0974	.0932	.0967	.0991
150.				.0939	.0893	.0891	.0985	.1004	.0981	.0998	.1007	.0954	.1025	.1042
160.		.1171	.1098	.0999	.0995	.0974	.1062	.1077	.1091	.1082	.1074	.1072	.1090	.1123
170.			.1401	.1381	.1349	.1318	.1447	.1416	.1420	.1491	.1443	.1430	.1418	.1443
180.	.2562	.2534	.2623	.2548	.2519	.2544	.2542	.2546	.2596	.2593	.2540	.2571	.2497	.2549
						FOR ALPHA = 3.50 DEG								
0.	.1568	.1496	.1544	.1500	.1481	.1497	.1511	.1532	.1576	.1589	.1547	.1543	.1535	.1542
10.			.1036	.1041	.1064	.1026	.1117	.1128	.1126	.1161	.1127	.1097	.1112	.1132
20.		.1044	.0901	.0938	.0910	.0906	.0975	.1018	.1034	.1001	.0968	.0969	.1008	.1041
30.				.0907	.0886	.0890	.0953	.0963	.0981	.0985	.0957	.0917	.0990	.0999
40.	.1092	.1038	.0860	.0860	.0888	.0993	.0943	.0960	.0954	.0968	.0972	.0922	.0965	.1003
60.			.0851	.0826	.0909	.0930	.0933	.0943	.0936	.0935	.0981	.0949	.0943	.1002
90.	.1080	.0988		.0872	.0904	.0906	.0921	.0925	.2190	.0977	.0895	.0946	.0955	.0942
120.			.0816	.0888	.0886	.0884	.0915	.0921	.0906	.0913	.0952	.0911	.0907	.0959
140.	.1092	.0973	.0805	.0902	.0880	.0948	.0951	.0978	.0976	.0971	.0962	.0925	.0970	.0995
150.				.0935	.0881	.0904	.0992	.1014	.0998	.1011	.1011	.0958	.1037	.1018
160.		.1188	.1124	.1021	.1006	.1004	.1072	.1098	.1121	.1100	.1078	.1091	.1125	.1158
170.			.1431	.1455	.1414	.1381	.1525	.1497	.1497	.1533	.1537	.1504	.1508	.1533
180.	.2738	.2695	.2802	.2759	.2698	.2753	.2740	.2760	.2804	.2780	.2738	.2735	.2706	.2739
						FOR ALPHA = 5.50 DEG								
0.	.1319	.1252	.1274	.1229	.1229	.1233	.1274	.1281	.1293	.1306	.1272	.1267	.1245	.1310
10.			.0925	.0938	.0948	.0920	.1024	.1023	.1039	.1035	.0998	.0974	.1001	.1027
20.		.1005	.0859	.0888	.0858	.0865	.0923	.0968	.0956	.0940	.0902	.0900	.0936	.0985
30.				.0799	.0849	.0864	.0910	.0928	.0929	.0938	.0920	.0866	.0950	.0948
40.	.1029	.0994	.0804	.0803	.0866	.0972	.0913	.0936	.0931	.0933	.0933	.0890	.0905	.0965
60.			.0798	.0815	.0879	.0894	.0919	.0912	.0911	.0909	.0953	.0930	.0904	.0961
90.	.1040	.0947		.0842	.0875	.0859	.0902	.0921	.2253	.0965	.0877	.0935	.0945	.0920
120.			.0789	.0890	.0860	.0847	.0893	.0904	.0912	.0882	.0923	.0901	.0895	.0963
140.	.1097	.0974	.0771	.0925	.0878	.0944	.0933	.0969	.0980	.0963	.0956	.0931	.0967	.0994
150.				.0945	.0918	.0887	.0974	.1022	.1003	.1024	.1008	.0962	.1045	.1034
160.		.1247	.1185	.1076	.1055	.1040	.1115	.1162	.1160	.1135	.1113	.1112	.1213	.1206
170.			.1583	.1615	.1580	.1540	.1674	.1674	.1671	.1705	.1698	.1684	.1708	.1708
180.	.3195	.3122	.3210	.3188	.3117	.3163	.3182	.3179	.3214	.3187	.3177	.3185	.3124	.3178
						FOR ALPHA = 10.50 DEG								
0.	.0862	.0786	.0765	.0728	.0715	.0730	.0767	.0775	.0804	.0789	.0763	.0761	.0748	.0777
10.			.0665	.0690	.0688	.0653	.0755	.0759	.0755	.0761	.0730	.0707	.0733	.0749
20.		.0842	.0633	.0653	.0710	.0694	.0745	.0772	.0763	.0758	.0729	.0708	.0764	.0785
30.				.0664	.0705	.0730	.0761	.0762	.0776	.0779	.0753	.0707	.0784	.0804
40.	.0844	.0789	.0684	.0664	.0725	.0823	.0778	.0773	.0789	.0794	.0810	.0751	.0770	.0827
60.			.0708	.0749	.0755	.0731	.0784	.0800	.0797	.0809	.0864	.0840	.0820	.0848
90.	.0949	.0831		.0794	.0779	.0769	.0803	.0816	.2594	.0886	.0802	.0836	.0870	.0848
120.			.0765	.0816	.0786	.0802	.0837	.0872	.0881	.0847	.0890	.0859	.0889	.0954
140.	.1105	.0935	.0783	.0863	.0857	.0927	.0915	.0940	.0931	.0931	.0956	.0918	.0961	.1008
150.				.0937	.0937	.0914	.1010	.1018	.1012	.1036	.1045	.1002	.1119	.1089
160.		.1455	.1316	.1234	.1188	.1184	.1281	.1309	.1332	.1318	.1294	.1307	.1381	.1387
170.			.2055	.2078	.2066	.2060	.2214	.2186	.2219	.2236	.2239	.2237	.2238	.2252
180.	.4330	.4281	.4378	.4357	.4331	.4363	.4394	.4426	.4384	.4451	.4376	.4397	.4359	.4380
						FOR ALPHA = 15.50 DEG								
0.	.0579	.0522	.0419	.0379	.0369	.0418	.0448	.0452	.0463	.0453	.0428	.0430	.0425	.0466
10.			.0398	.0400	.0424	.0410	.0481	.0485	.0452	.0468	.0443	.0436	.0448	.0472
20.		.0531	.0418	.0420	.0462	.0446	.0493	.0513	.0505	.0515	.0470	.0462	.0510	.0524
30.				.0450	.0502	.0477	.0520	.0533	.0545	.0564	.0527	.0480	.0533	.0575
40.	.0641	.0533	.0485	.0506	.0511	.0613	.0559	.0578	.0591	.0584	.0610	.0530	.0549	.0614
60.			.0515	.0575	.0557	.0552	.0591	.0632	.0635	.0633	.0694	.0696	.0655	.0693
90.	.0815	.0696		.0647	.0644	.0629	.0681	.0687	.3147	.0728	.0654	.0699	.0735	.0716
120.			.0768	.0731	.0733	.0734	.0798	.0798	.0811	.0788	.0818	.0821	.0835	.0899
140.	.1138	.0940	.0853	.0835	.0841	.0907	.0915	.0933	.0950	.0926	.0935	.0901	.0955	.0977
150.				.1035	.1023	.0991	.1076	.1150	.1066	.1110	.1143	.1128	.1193	.1210
160.		.1791	.1572	.1497	.1484	.1473	.1584	.1618	.1637	.1618	.1593	.1597	.1673	.1701
170.			.2665	.2765	.2661	.2692	.2887	.2878	.2884	.2956	.2897	.2910	.2924	.2943
180.	.5783	.5691	.5780	.5844	.5723	.5833	.5800	.5794	.5832	.5800	.5803	.5746	.5737	.5817
						FOR ALPHA = 20.50 DEG								
0.	.0327	.0278	.0187	.0151	.0166	.0214	.0246	.0250	.0251	.0241	.0230	.0230	.0229	.0255
10.			.0098	.0121	.0119	.0118	.0194	.0204	.0179	.0198	.0179	.0177	.0188	.0206
20.		.0207	.0094	.0129	.0144	.0132	.0154	.0195	.0201	.0212	.0176	.0185	.0217	.0228
30.				.0184	.0180	.0175	.0207	.0222	.0232	.0258	.0246	.0197	.0259	.0287
40.	.0349	.0233	.0187	.0243	.0218	.0330	.0266	.0288	.0294	.0320	.0341	.0280	.0294	.0329
60.			.0244	.0328	.0302	.0303	.0326	.0367	.0387	.0383	.0449	.0462	.0421	.0462
90.	.0687	.0527		.0494	.0462	.0470	.0501	.0516	.3774	.0562	.0476	.0509	.0536	.0538
120.			.0720	.0656	.0662	.0679	.0681	.0717	.0727	.0745	.0753	.0752	.0781	.0868
140.	.1201	.1031	.0932	.0902	.0914	.0988	.0956	.0990	.1003	.0999	.0964	.0968	.1015	.1015
150.				.1226	.1194	.1186	.1257	.1282	.1275	.1319	.1317	.1313	.1413	.1395
160.		.2171	.1983	.1837	.1836	.1839	.1919	.1962	.2003	.1977	.1943	.1949	.2030	.2055
170.			.3275	.3388	.3415	.3392	.3545	.3534	.3612	.3673	.3638	.3645	.3671	.3687
180.	.7218	.7191	.7159	.7299	.7247	.7298	.7177	.7249	.7296	.7274	.7267	.7269	.7278	.7347

TABLE III. - CONTINUED

(E) MACH = 2.50, BETA = -.01 DEG, CONCLUDED

THETA, DEG	CP AT X/L .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.	.1716	.1672	.1685	.1666	.1688	.1606	.1601	.1610	.1594	.1596	.1592	.1645	.1594	0.
10.	.1253	.1195	.1157	.1117	.1220	.1087	.1086	.1092	.1063	.1081	.1091	.1105	.1137	10.
20.	.1017	.1021	.1016	.1011	.1008	.0955	.0968	.0948	.0933	.0937	.0907	.0987	.1004	20.
30.	.0948	.0940	.0956	.0932	.0895	.0911	.0896	.0910	.0897	.0912	.0883	.0898	.0934	30.
40.	.0980	.0917	.0914	.0930	.0862	.0893	.0912	.0905	.0892	.0877	.0855	.0912	.0965	40.
60.	.0965	.0903	.0923	.0938	.0860	.0852	.0857	.0863	.0877	.0865	.0928	.0944	.0979	60.
90.	.0932	.0883	.0905	.0931	.0819	.0831	.0822	.0817	.0821	.0832	.0897	.0930	.0955	90.
120.	.0921	.0857	.0876	.0893	.0825	.0832	.0812	.0822	.0826	.0813	.0869	.0892	.0912	120.
140.	.0972	.0909	.0888	.0902	.0838	.0885	.0890	.0883	.0864	.0856	.0822	.0859	.0894	140.
150.	.0951	.0960	.0954	.0943	.0900	.0927	.0916	.0920	.0863	.0874	.0853	.0861	.0890	150.
160.	.1071	.1119	.1082	.1062	.1056	.1032	.1041	.1014	.0959	.0969	.0940	.0997	.1014	160.
170.	.1474	.1478	.1420	.1378	.1451	.1326	.1308	.1314	.1269	.1287	.1280	.1276	.1323	170.
180.	.2598	.2566	.2527	.2512	.2531	.2429	.2406	.2432	.2404	.2393	.2349	.2418	.2347	180.
						FOR ALPHA = 3.50 DEG								
0.	.1581	.1560	.1551	.1542	.1528	.1460	.1450	.1470	.1467	.1444	.1440	.1493	.1452	0.
10.	.1189	.1139	.1107	.1050	.1164	.1027	.1039	.1062	.1003	.1006	.1029	.1046	.1099	10.
20.	.1001	.0982	.0972	.0983	.0970	.0941	.0940	.0938	.0903	.0902	.0891	.0955	.0967	20.
30.	.0944	.0924	.0929	.0920	.0878	.0890	.0882	.0886	.0883	.0888	.0870	.0897	.0908	30.
40.	.0963	.0903	.0907	.0922	.0861	.0870	.0885	.0893	.0877	.0873	.0838	.0913	.0952	40.
60.	.0955	.0910	.0921	.0915	.0864	.0848	.0847	.0860	.0870	.0851	.0922	.0930	.0968	60.
90.	.0927	.0882	.0914	.0918	.0808	.0825	.0822	.0818	.0830	.0818	.0885	.0922	.0951	90.
120.	.0923	.0857	.0885	.0871	.0837	.0827	.0814	.0824	.0821	.0810	.0866	.0886	.0923	120.
140.	.0968	.0915	.0899	.0920	.0855	.0872	.0887	.0881	.0883	.0872	.0822	.0871	.0898	140.
150.	.0973	.0962	.0970	.0964	.0911	.0938	.0930	.0928	.0888	.0880	.0858	.0878	.0904	150.
160.	.1114	.1123	.1107	.1079	.1093	.1054	.1060	.1047	.0989	.1002	.0966	.1040	.1011	160.
170.	.1545	.1554	.1505	.1451	.1551	.1385	.1383	.1402	.1342	.1335	.1363	.1362	.1389	170.
180.	.2758	.2721	.2745	.2699	.2706	.2625	.2618	.2592	.2612	.2592	.2552	.2616	.2535	180.
						FOR ALPHA = 5.50 DEG								
0.	.1320	.1294	.1279	.1279	.1274	.1196	.1182	.1192	.1179	.1211	.1173	.1212	.1196	0.
10.	.1100	.1028	.1002	.0962	.1046	.0907	.0929	.0919	.0889	.0905	.0931	.0936	.0982	10.
20.	.0925	.0923	.0894	.0912	.0890	.0861	.0870	.0860	.0831	.0845	.0823	.0909	.0895	20.
30.	.0891	.0884	.0887	.0874	.0839	.0843	.0846	.0854	.0828	.0838	.0828	.0830	.0862	30.
40.	.0918	.0867	.0863	.0888	.0813	.0845	.0828	.0847	.0828	.0836	.0805	.0868	.0909	40.
60.	.0936	.0880	.0910	.0888	.0816	.0819	.0822	.0837	.0853	.0847	.0921	.0926	.0942	60.
90.	.0909	.0878	.0887	.0905	.0785	.0804	.0820	.0811	.0807	.0815	.0864	.0910	.0922	90.
120.	.0920	.0848	.0873	.0866	.0823	.0831	.0831	.0816	.0811	.0795	.0855	.0884	.0910	120.
140.	.0974	.0916	.0941	.0932	.0859	.0880	.0897	.0905	.0873	.0873	.0846	.0880	.0914	140.
150.	.0971	.0962	.1006	.0989	.0937	.0955	.0953	.0960	.0903	.0912	.0895	.0894	.0926	150.
160.	.1151	.1178	.1169	.1153	.1120	.1092	.1122	.1105	.1062	.1050	.1026	.1086	.1073	160.
170.	.1717	.1714	.1655	.1627	.1699	.1549	.1562	.1545	.1501	.1505	.1506	.1557	.1548	170.
180.	.3192	.3151	.3153	.3117	.3103	.3051	.3080	.3066	.3052	.3042	.2975	.3037	.2960	180.
						FOR ALPHA = 10.50 DEG								
0.	.0801	.0773	.0763	.0737	.0739	.0686	.0686	.0686	.0672	.0692	.0661	.0718	.0678	0.
10.	.0825	.0739	.0694	.0671	.0766	.0636	.0649	.0643	.0624	.0642	.0648	.0679	.0687	10.
20.	.0715	.0715	.0704	.0710	.0703	.0667	.0671	.0663	.0635	.0628	.0614	.0673	.0683	20.
30.	.0742	.0723	.0717	.0706	.0675	.0682	.0668	.0684	.0656	.0656	.0638	.0649	.0691	30.
40.	.0799	.0711	.0732	.0743	.0667	.0698	.0688	.0694	.0693	.0674	.0638	.0704	.0738	40.
60.	.0800	.0755	.0785	.0792	.0710	.0712	.0711	.0733	.0733	.0727	.0770	.0789	.0798	60.
90.	.0843	.0794	.0818	.0837	.0724	.0729	.0751	.0742	.0740	.0729	.0786	.0824	.0837	90.
120.	.0905	.0822	.0866	.0843	.0805	.0802	.0784	.0778	.0774	.0746	.0801	.0825	.0861	120.
140.	.0980	.0937	.0961	.0951	.0912	.0886	.0918	.0923	.0880	.0899	.0850	.0897	.0917	140.
150.	.1023	.1006	.1010	.1026	.0988	.1006	.1018	.1009	.0956	.1009	.0965	.0947	.0988	150.
160.	.1381	.1362	.1397	.1383	.1344	.1315	.1292	.1293	.1242	.1252	.1203	.1281	.1246	160.
170.	.2241	.2263	.2198	.2143	.2209	.2069	.2039	.2044	.2023	.2027	.2040	.2056	.2088	170.
180.	.4427	.4382	.4361	.4335	.4339	.4309	.4293	.4263	.4219	.4223	.4186	.4237	.4162	180.
						FOR ALPHA = 15.50 DEG								
0.	.0460	.0442	.0447	.0424	.0424	.0358	.0374	.0358	.0370	.0390	.0385	.0405	.0393	0.
10.	.0564	.0463	.0428	.0409	.0481	.0366	.0379	.0373	.0377	.0407	.0420	.0450	.0465	10.
20.	.0464	.0452	.0454	.0474	.0456	.0422	.0438	.0414	.0407	.0413	.0405	.0452	.0484	20.
30.	.0506	.0494	.0483	.0462	.0446	.0447	.0442	.0450	.0427	.0451	.0427	.0453	.0513	30.
40.	.0572	.0519	.0520	.0525	.0465	.0476	.0464	.0478	.0471	.0471	.0452	.0523	.0566	40.
60.	.0641	.0596	.0609	.0621	.0533	.0540	.0533	.0538	.0580	.0572	.0642	.0629	.0629	60.
90.	.0706	.0659	.0687	.0710	.0592	.0620	.0624	.0623	.0629	.0631	.0669	.0695	.0709	90.
120.	.0852	.0776	.0792	.0789	.0730	.0744	.0712	.0689	.0665	.0649	.0700	.0749	.0773	120.
140.	.0933	.0920	.0937	.0979	.0911	.0931	.0919	.0922	.0882	.0884	.0869	.0892	.0963	140.
150.	.1082	.1086	.1095	.1090	.1020	.1067	.1059	.1084	.1022	.1063	.1027	.1050	.1105	150.
160.	.1671	.1705	.1695	.1701	.1671	.1600	.1600	.1582	.1532	.1536	.1501	.1561	.1578	160.
170.	.2914	.2945	.2847	.2810	.2860	.2687	.2666	.2694	.2648	.2617	.2663	.2727	.2728	170.
180.	.5829	.5754	.5795	.5644	.5705	.5704	.5735	.5714	.5684	.5547	.5553	.5705	.5542	180.
						FOR ALPHA = 20.50 DEG								
0.	.0270	.0248	.0248	.0228	.0229	.0180	.0189	.0185	.0194	.0200	.0192	.0214	.0187	0.
10.	.0314	.0192	.0162	.0140	.0240	.0131	.0148	.0129	.0131	.0139	.0156	.0161	.0182	10.
20.	.0170	.0147	.0151	.0172	.0187	.0159	.0172	.0144	.0136	.0151	.0118	.0157	.0189	20.
30.	.0230	.0205	.0197	.0187	.0172	.0165	.0172	.0177	.0183	.0173	.0160	.0172	.0216	30.
40.	.0299	.0256	.0254	.0269	.0226	.0241	.0225	.0236	.0225	.0214	.0185	.0232	.0270	40.
60.	.0439	.0384	.0430	.0407	.0340	.0339	.0352	.0364	.0376	.0367	.0435	.0413	.0425	60.
90.	.0525	.0495	.0519	.0532	.0455	.0455	.0473	.0468	.0467	.0468	.0520	.0545	.0557	90.
120.	.0812	.0751	.0792	.0783	.0729	.0716	.0713	.0665	.0651	.0611	.0675	.0709	.0740	120.
140.	.1000	.0960	.1004	.1003	.0945	.0927	.0954	.0932	.0942	.0941	.0916	.0966	.1047	140.
150.	.1294	.1274	.1313	.1282	.1199	.1226	.1247	.1263	.1223	.1237	.1223	.1219	.1200	150.
160.	.2046	.2057	.2090	.2054	.2072	.1986	.2000	.2006	.1944	.1952	.1897	.1974	.1957	160.
170.	.3682	.3685	.3590	.3535	.3607	.3397	.3372	.3407	.3373	.3317	.3329	.3404	.3436	170.
180.	.7302	.7237	.7227	.7206	.7212	.7271	.7204	.7267	.7179	.7122	.7101	.7203	.7088	180.

TABLE III. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.50 DEG								
0.	.2973	.2914	.2989	.2940	.2876	.2928	.2945	.2918	.2997	.2966	.2938	.2921	.2928	.2989
10.			.1417	.1443	.1406	.1320	.1486	.1507	.1518	.1511	.1517	.1484	.1505	.1518
20.		.1138	.1067	.0958	.0940	.0924	.1006	.1046	.1043	.1035	.1010	.0983	.1071	.1093
30.				.0882	.0835	.0837	.0915	.0945	.0926	.0917	.0915	.0920	.0993	.0974
40.	.1043	.0922	.0715	.0844	.0805	.0904	.0879	.0907	.0897	.0895	.0901	.0883	.0907	.0957
60.			.0771	.0811	.0797	.0831	.0857	.0875	.0867	.0863	.0899	.0872	.0860	.0891
90.	.0958	.0869		.0730	.0770	.0774	.0794	.0812	.2169	.0858	.0777	.0826	.0823	.0802
120.			.0671	.0647	.0707	.0738	.0748	.0757	.0749	.0742	.0785	.0764	.0735	.0798
140.	.0914	.0862	.0689	.0665	.0696	.0798	.0758	.0775	.0760	.0774	.0775	.0733	.0754	.0815
150.				.0703	.0699	.0705	.0756	.0766	.0757	.0784	.0764	.0732	.0794	.0795
160.		.0865	.0716	.0733	.0693	.0700	.0753	.0798	.0799	.0801	.0773	.0759	.0799	.0812
170.			.0786	.0816	.0779	.0762	.0855	.0880	.0867	.0884	.0862	.0825	.0847	.0855
180.	.1467	.1397	.1419	.1361	.1320	.1366	.1386	.1389	.1411	.1391	.1365	.1367	.1349	.1381
190.			.1062	.1069	.1070	.1049	.1133	.1121	.1132	.1157	.1120	.1084	.1095	.1124
200.		.1106	.0967	.0995	.0957	.0958	.1023	.1042	.1045	.1026	.0993	.0972	.1012	.1058
210.				.0928	.0958	.0961	.1005	.1012	.1008	.1012	.0975	.0919	.1009	.1028
220.	.1160	.1112	.0904	.0878	.0975	.1025	.1001	.1022	.0999	.0996	.0997	.0940	.0985	.1043
240.			.0873	.0867	.0974	.0984	.0986	.0997	.0991	.0982	.1019	.0993	.0975	.1038
270.	.1211	.1115		.1004	.1033	.1035	.1063	.1072	.2240	.1090	.1022	.1081	.1089	.1056
300.			.1014	.1103	.1084	.1108	.1158	.1146	.1143	.1109	.1171	.1133	.1119	.1183
320.	.1326	.1202	.1031	.1149	.1130	.1190	.1188	.1218	.1229	.1192	.1207	.1173	.1228	.1246
330.				.1191	.1171	.1140	.1259	.1280	.1257	.1271	.1260	.1211	.1334	.1318
340.		.1464	.1419	.1312	.1337	.1295	.1393	.1434	.1468	.1425	.1391	.1400	.1469	.1488
350.			.1825	.1847	.1802	.1775	.1895	.1890	.1923	.1948	.1888	.1891	.1922	.1938
						FOR ALPHA = -2.50 DEG								
0.	.2585	.2524	.2620	.2526	.2472	.2494	.2531	.2557	.2572	.2552	.2537	.2553	.2537	.2570
10.			.1271	.1280	.1253	.1218	.1355	.1331	.1331	.1389	.1325	.1339	.1357	.1381
20.		.1101	.1010	.0904	.0914	.0898	.0989	.1020	.0996	.0996	.0971	.0981	.1030	.1059
30.				.0843	.0814	.0800	.0905	.0932	.0922	.0947	.0927	.0877	.0953	.0971
40.	.1014	.0942	.0758	.0831	.0808	.0895	.0877	.0900	.0916	.0905	.0912	.0873	.0883	.0941
60.			.0761	.0833	.0824	.0823	.0858	.0859	.0856	.0836	.0890	.0871	.0862	.0926
90.	.0965	.0894		.0732	.0808	.0789	.0829	.0826	.2104	.0863	.0788	.0835	.0852	.0817
120.			.0675	.0674	.0743	.0745	.0797	.0780	.0768	.0750	.0803	.0776	.0755	.0814
140.	.0929	.0866	.0712	.0713	.0722	.0805	.0783	.0790	.0797	.0786	.0802	.0752	.0781	.0841
150.				.0738	.0725	.0708	.0777	.0793	.0793	.0815	.0788	.0739	.0824	.0849
160.		.0888	.0759	.0769	.0751	.0729	.0791	.0820	.0827	.0836	.0806	.0803	.0841	.0872
170.			.0934	.0919	.0884	.0853	.0936	.0927	.0935	.0995	.0935	.0945	.0952	.0968
180.	.1724	.1669	.1710	.1660	.1630	.1640	.1665	.1646	.1683	.1692	.1632	.1661	.1640	.1689
190.			.1192	.1207	.1197	.1148	.1271	.1258	.1258	.1274	.1232	.1222	.1246	.1257
200.		.1164	.1011	.1039	.1024	.0997	.1077	.1122	.1112	.1081	.1059	.1054	.1101	.1119
210.				.0981	.0984	.0964	.1049	.1070	.1050	.1039	.1038	.0981	.1069	.1068
220.	.1211	.1115	.0960	.0970	.0960	.1066	.1040	.1052	.1045	.1023	.1033	.0996	.1017	.1068
240.			.0925	.0929	.0970	.1023	.1027	.1022	.1017	.0994	.1048	.1024	.0992	.1035
270.	.1236	.1146		.0997	.1049	.1064	.1092	.1095	.2151	.1119	.1041	.1095	.1094	.1074
300.			.1039	.1107	.1106	.1117	.1147	.1143	.1149	.1147	.1172	.1142	.1124	.1198
320.	.1305	.1219	.1012	.1127	.1116	.1173	.1169	.1203	.1194	.1205	.1215	.1169	.1198	.1251
330.				.1169	.1155	.1147	.1217	.1248	.1234	.1257	.1238	.1191	.1284	.1286
340.		.1402	.1346	.1281	.1254	.1248	.1341	.1378	.1385	.1369	.1340	.1325	.1402	.1436
350.			.1676	.1680	.1630	.1598	.1721	.1729	.1734	.1778	.1751	.1706	.1722	.1765
						FOR ALPHA = -1.50 DEG								
0.	.2378	.2320	.2405	.2351	.2296	.2324	.2318	.2356	.2386	.2350	.2334	.2359	.2321	.2395
10.			.1230	.1220	.1178	.1160	.1274	.1268	.1252	.1293	.1272	.1267	.1296	.1310
20.		.1074	.0979	.0900	.0900	.0901	.0945	.0987	.0990	.0989	.0954	.0953	.1022	.1032
30.				.0831	.0827	.0834	.0885	.0916	.0910	.0940	.0912	.0875	.0950	.0963
40.	.1026	.0935	.0772	.0846	.0815	.0888	.0879	.0897	.0918	.0918	.0901	.0873	.0898	.0950
60.			.0773	.0807	.0816	.0839	.0864	.0862	.0870	.0873	.0885	.0865	.0857	.0920
90.	.0983	.0914		.0737	.0791	.0798	.0833	.0843	.2079	.0870	.0796	.0845	.0859	.0832
120.			.0700	.0709	.0722	.0740	.0787	.0799	.0786	.0774	.0823	.0784	.0774	.0819
140.	.0936	.0879	.0723	.0731	.0728	.0799	.0787	.0807	.0807	.0805	.0821	.0759	.0805	.0848
150.				.0747	.0738	.0731	.0802	.0807	.0817	.0825	.0807	.0760	.0853	.0848
160.		.0912	.0785	.0785	.0766	.0764	.0830	.0828	.0861	.0852	.0807	.0821	.0876	.0879
170.			.0956	.0956	.0948	.0908	.0997	.0986	.1007	.1025	.0980	.0993	.0994	.1014
180.	.1885	.1629	.1869	.1804	.1787	.1804	.1826	.1817	.1850	.1827	.1797	.1803	.1796	.1841
190.			.1242	.1283	.1248	.1221	.1333	.1321	.1318	.1343	.1299	.1282	.1278	.1317
200.		.1188	.1042	.1069	.1037	.1023	.1100	.1144	.1139	.1115	.1097	.1088	.1123	.1172
210.				.0991	.0973	.0983	.1055	.1095	.1063	.1070	.1059	.1010	.1094	.1100
220.	.1197	.1103	.0967	.0975	.0966	.1049	.1043	.1075	.1054	.1037	.1044	.1008	.1040	.1089
240.			.0943	.0921	.0992	.1013	.1031	.1025	.1011	.1007	.1051	.1041	.1001	.1067
270.	.1233	.1159		.0980	.1059	.1052	.1081	.1081	.2157	.1114	.1046	.1103	.1103	.1076
300.			.1041	.1085	.1094	.1091	.1127	.1145	.1132	.1123	.1172	.1148	.1120	.1184
320.	.1294	.1225	.1040	.1130	.1096	.1148	.1162	.1182	.1196	.1196	.1205	.1146	.1181	.1224
330.				.1170	.1133	.1115	.1192	.1233	.1213	.1234	.1223	.1164	.1249	.1259
340.		.1380	.1293	.1253	.1240	.1233	.1299	.1325	.1340	.1319	.1290	.1292	.1363	.1373
350.			.1587	.1615	.1566	.1538	.1639	.1630	.1638	.1682	.1646	.1610	.1645	.1653

TABLE III. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.50 DEG								
0.	.3010	.2947	.2953	.2930	.2920	.2878	.2875	.2894	.2866	.2907	.2884	.2937	.2878	0.
10.	.1563	.1531	.1472	.1439	.1536	.1379	.1400	.1406	.1386	.1402	.1387	.1456	.1472	10.
20.	.1077	.1091	.1085	.1060	.1058	.1019	.1045	.1041	.0955	.0990	.1005	.1074	.1048	20.
30.	.0927	.0905	.0938	.0923	.0869	.0880	.0876	.0885	.0853	.0875	.0862	.0867	.0914	30.
40.	.0934	.0854	.0863	.0867	.0824	.0833	.0844	.0847	.0846	.0851	.0816	.0863	.0865	40.
60.	.0856	.0824	.0843	.0823	.0791	.0782	.0778	.0766	.0771	.0763	.0831	.0856	.0892	60.
90.	.0789	.0756	.0762	.0783	.0671	.0680	.0695	.0679	.0686	.0674	.0732	.0773	.0800	90.
120.	.0753	.0705	.0705	.0685	.0629	.0614	.0617	.0614	.0614	.0603	.0673	.0676	.0713	120.
140.	.0765	.0692	.0683	.0681	.0622	.0635	.0638	.0640	.0621	.0613	.0583	.0624	.0673	140.
150.	.0728	.0697	.0696	.0672	.0638	.0641	.0635	.0630	.0629	.0622	.0597	.0596	.0640	150.
160.	.0750	.0734	.0720	.0725	.0692	.0652	.0654	.0643	.0637	.0623	.0612	.0663	.0666	160.
170.	.0890	.0841	.0810	.0750	.0842	.0706	.0716	.0722	.0707	.0710	.0713	.0735	.0744	170.
180.	.1381	.1341	.1342	.1320	.1340	.1264	.1257	.1267	.1263	.1252	.1224	.1259	.1224	180.
190.	.1155	.1111	.1084	.1045	.1142	.1018	.1010	.1028	.1004	.0998	.1006	.1014	.1061	190.
200.	.1003	.0976	.0970	.0994	.0966	.0936	.0940	.0930	.0915	.0894	.0861	.0941	.0949	200.
210.	.0971	.0941	.0939	.0939	.0885	.0906	.0908	.0910	.0890	.0885	.0852	.0871	.0901	210.
220.	.1004	.0926	.0918	.0943	.0883	.0885	.0894	.0918	.0894	.0871	.0831	.0894	.0937	220.
240.	.0989	.0928	.0955	.0950	.0890	.0871	.0863	.0894	.0866	.0868	.0939	.0936	.0959	240.
270.	.1053	.1009	.1041	.1045	.0924	.0934	.0933	.0930	.0931	.0925	.0982	.1031	.1050	270.
300.	.1135	.1085	.1132	.1116	.1029	.1041	.1042	.1034	.1022	.1019	.1086	.1121	.1135	300.
320.	.1212	.1152	.1153	.1171	.1112	.1138	.1131	.1136	.1111	.1131	.1093	.1127	.1177	320.
330.	.1213	.1216	.1247	.1234	.1174	.1207	.1197	.1209	.1152	.1181	.1168	.1193	.1224	330.
340.	.1447	.1469	.1431	.1422	.1394	.1369	.1388	.1368	.1334	.1333	.1332	.1421	.1419	340.
350.	.1947	.1944	.1892	.1859	.1950	.1797	.1822	.1833	.1790	.1810	.1829	.1873	.1899	350.
						FOR ALPHA = -2.50 DEG								
0.	.2581	.2540	.2538	.2538	.2508	.2444	.2464	.2480	.2479	.2478	.2468	.2509	.2469	0.
10.	.1407	.1385	.1318	.1301	.1386	.1244	.1268	.1235	.1223	.1267	.1294	.1308	.1327	10.
20.	.1003	.1015	.0999	.0993	.0978	.0974	.0999	.0986	.0938	.0971	.0942	.1004	.1023	20.
30.	.0897	.0914	.0924	.0909	.0848	.0872	.0858	.0882	.0842	.0877	.0860	.0844	.0895	30.
40.	.0934	.0879	.0871	.0876	.0797	.0815	.0825	.0837	.0814	.0837	.0806	.0849	.0899	40.
60.	.0888	.0821	.0839	.0848	.0775	.0782	.0772	.0777	.0787	.0781	.0841	.0880	.0907	60.
90.	.0812	.0768	.0776	.0800	.0693	.0707	.0713	.0705	.0695	.0704	.0752	.0795	.0804	90.
120.	.0767	.0709	.0735	.0741	.0652	.0661	.0654	.0658	.0650	.0634	.0680	.0703	.0723	120.
140.	.0798	.0731	.0717	.0723	.0644	.0690	.0681	.0682	.0644	.0634	.0607	.0665	.0720	140.
150.	.0752	.0757	.0744	.0714	.0672	.0682	.0668	.0683	.0641	.0657	.0636	.0647	.0685	150.
160.	.0802	.0819	.0772	.0769	.0736	.0716	.0714	.0691	.0674	.0666	.0653	.0721	.0735	160.
170.	.0995	.0945	.0891	.0858	.0925	.0812	.0805	.0801	.0793	.0806	.0803	.0810	.0840	170.
180.	.1668	.1625	.1620	.1613	.1617	.1545	.1547	.1529	.1538	.1530	.1497	.1545	.1506	180.
190.	.1293	.1254	.1200	.1167	.1257	.1129	.1142	.1149	.1114	.1124	.1140	.1147	.1168	190.
200.	.1094	.1068	.1042	.1064	.1025	.0999	.1009	.0993	.0959	.0972	.0952	.1029	.1021	200.
210.	.1007	.1010	.1009	.0980	.0949	.0956	.0946	.0956	.0924	.0928	.0911	.0915	.0949	210.
220.	.1041	.0974	.0976	.0973	.0928	.0934	.0933	.0949	.0921	.0906	.0870	.0925	.0962	220.
240.	.1025	.0963	.0989	.0970	.0909	.0912	.0911	.0908	.0914	.0889	.0949	.0962	.0978	240.
270.	.1072	.1037	.1045	.1063	.0944	.0950	.0964	.0950	.0955	.0938	.0993	.1053	.1080	270.
300.	.1144	.1092	.1116	.1119	.1065	.1043	.1031	.1040	.1028	.1024	.1097	.1111	.1167	300.
320.	.1207	.1128	.1142	.1172	.1091	.1111	.1116	.1135	.1128	.1109	.1068	.1111	.1171	320.
330.	.1217	.1190	.1203	.1198	.1132	.1159	.1158	.1155	.1146	.1180	.1147	.1150	.1193	330.
340.	.1392	.1395	.1356	.1356	.1359	.1294	.1303	.1283	.1260	.1267	.1263	.1346	.1346	340.
350.	.1796	.1777	.1724	.1670	.1787	.1648	.1645	.1658	.1618	.1638	.1649	.1691	.1720	350.
						FOR ALPHA = -1.50 DEG								
0.	.2414	.2365	.2345	.2323	.2350	.2267	.2279	.2304	.2280	.2294	.2268	.2299	.2230	0.
10.	.1320	.1318	.1241	.1226	.1343	.1172	.1205	.1192	.1171	.1182	.1196	.1232	.1236	10.
20.	.0997	.0998	.0964	.0986	.0995	.0945	.0970	.0947	.0919	.0929	.0913	.0968	.0971	20.
30.	.0900	.0894	.0927	.0906	.0835	.0870	.0847	.0869	.0846	.0846	.0842	.0842	.0888	30.
40.	.0928	.0857	.0870	.0869	.0809	.0820	.0816	.0843	.0841	.0817	.0784	.0829	.0884	40.
60.	.0883	.0827	.0843	.0845	.0781	.0772	.0784	.0791	.0780	.0783	.0833	.0873	.0908	60.
90.	.0817	.0771	.0795	.0811	.0693	.0710	.0728	.0709	.0708	.0702	.0758	.0809	.0834	90.
120.	.0773	.0722	.0755	.0741	.0665	.0677	.0664	.0670	.0663	.0649	.0706	.0717	.0741	120.
140.	.0790	.0744	.0745	.0734	.0663	.0682	.0697	.0698	.0677	.0662	.0619	.0686	.0729	140.
150.	.0761	.0774	.0763	.0735	.0686	.0696	.0691	.0697	.0669	.0679	.0638	.0677	.0713	150.
160.	.0830	.0826	.0802	.0795	.0778	.0749	.0740	.0731	.0684	.0687	.0686	.0765	.0750	160.
170.	.1042	.1005	.0954	.0906	.0988	.0877	.0845	.0869	.0838	.0836	.0862	.0888	.0879	170.
180.	.1853	.1783	.1789	.1765	.1768	.1702	.1694	.1693	.1672	.1684	.1669	.1710	.1661	180.
190.	.1341	.1320	.1289	.1233	.1321	.1185	.1200	.1200	.1174	.1189	.1205	.1215	.1260	190.
200.	.1112	.1100	.1075	.1069	.1072	.1030	.1053	.1019	.0997	.0996	.0982	.1066	.1064	200.
210.	.1024	.1021	.1003	.0999	.0953	.0971	.0977	.0973	.0937	.0945	.0928	.0936	.0970	210.
220.	.1056	.0984	.0975	.1004	.0930	.0941	.0946	.0945	.0943	.0921	.0896	.0934	.0984	220.
240.	.1029	.0973	.0992	.0987	.0918	.0917	.0892	.0914	.0905	.0891	.0964	.0967	.0986	240.
270.	.1073	.1027	.1047	.1057	.0946	.0960	.0960	.0946	.0938	.0930	.0998	.1041	.1074	270.
300.	.1144	.1083	.1092	.1097	.1030	.1029	.1032	.1028	.1021	.1023	.1088	.1122	.1158	300.
320.	.1190	.1125	.1135	.1136	.1060	.1088	.1109	.1112	.1095	.1090	.1061	.1101	.1153	320.
330.	.1177	.1164	.1191	.1164	.1111	.1142	.1130	.1151	.1128	.1151	.1109	.1122	.1164	330.
340.	.1323	.1334	.1320	.1309	.1296	.1258	.1278	.1256	.1226	.1224	.1209	.1289	.1299	340.
350.	.1687	.1689	.1629	.1603	.1719	.1558	.1550	.1568	.1536	.1535	.1559	.1604	.1614	350.

TABLE III. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -.50 DEG								
0.	.2189	.2141	.2177	.2144	.2109	.2110	.2153	.2161	.2190	.2175	.2161	.2178	.2167	.2216
10.			.1176	.1157	.1132	.1085	.1190	.1176	.1214	.1210	.1187	.1185	.1197	.1211
20.		.1033	.0944	.0887	.0863	.0877	.0915	.0947	.0957	.0955	.0905	.0910	.0963	.1015
30.				.0825	.0815	.0807	.0869	.0889	.0896	.0914	.0895	.0848	.0953	.0940
40.	.1015	.0937	.0767	.0819	.0789	.0896	.0854	.0873	.0880	.0904	.0887	.0855	.0889	.0937
60.			.0763	.0765	.0804	.0803	.0853	.0857	.0858	.0860	.0886	.0856	.0847	.0901
90.	.0982	.0913		.0748	.0771	.0782	.0832	.0836	.2064	.0852	.0792	.0837	.0840	.0832
120.			.0708	.0708	.0743	.0727	.0787	.0807	.0790	.0787	.0818	.0785	.0769	.0821
140.	.0930	.0868	.0704	.0760	.0727	.0730	.0783	.0818	.0816	.0821	.0823	.0778	.0804	.0850
150.				.0756	.0734	.0740	.0801	.0817	.0820	.0835	.0821	.0776	.0857	.0863
160.		.0930	.0828	.0799	.0770	.0781	.0844	.0864	.0864	.0860	.0847	.0820	.0872	.0911
170.			.1003	.1000	.0974	.0947	.1058	.1047	.1050	.1081	.1046	.1040	.1057	.1067
180.	.2030	.1994	.2051	.1971	.1951	.1978	.1996	.1991	.2021	.2003	.1974	.1978	.1961	.2006
190.			.1344	.1352	.1325	.1294	.1405	.1396	.1391	.1437	.1380	.1354	.1369	.1415
200.		.1224	.1107	.1113	.1092	.1080	.1131	.1174	.1172	.1156	.1126	.1134	.1172	.1210
210.				.1041	.1023	.1000	.1075	.1109	.1093	.1104	.1090	.1029	.1117	.1135
220.	.1209	.1110	.0986	.1030	.1018	.1063	.1067	.1090	.1092	.1074	.1061	.1028	.1056	.1116
240.			.0956	.0960	.1010	.1015	.1056	.1054	.1045	.1019	.1068	.1047	.1021	.1091
270.	.1252	.1165		.0979	.1048	.1062	.1102	.1100	.2147	.1115	.1056	.1105	.1111	.1084
300.			.1016	.1036	.1073	.1092	.1130	.1146	.1130	.1123	.1158	.1127	.1100	.1182
320.	.1283	.1200	.1045	.1108	.1064	.1133	.1144	.1171	.1171	.1181	.1176	.1122	.1160	.1221
330.				.1132	.1098	.1093	.1170	.1198	.1186	.1221	.1194	.1135	.1227	.1247
340.		.1330	.1239	.1201	.1183	.1186	.1255	.1284	.1296	.1287	.1257	.1257	.1318	.1349
350.			.1498	.1496	.1461	.1459	.1567	.1556	.1552	.1595	.1576	.1540	.1566	.1602
						FOR ALPHA = .50 DEG								
0.	.1997	.1944	.1986	.1959	.1922	.1952	.1965	.1981	.2025	.2026	.1995	.1993	.1992	.2015
10.			.1098	.1095	.1062	.1031	.1129	.1127	.1114	.1180	.1152	.1114	.1167	.1160
20.		.0998	.0889	.0869	.0858	.0844	.0884	.0931	.0953	.0923	.0899	.0908	.0935	.0972
30.				.0827	.0807	.0803	.0836	.0873	.0880	.0897	.0872	.0846	.0915	.0933
40.	.1011	.0909	.0790	.0833	.0793	.0883	.0830	.0865	.0872	.0870	.0859	.0846	.0898	.0918
60.			.0768	.0760	.0793	.0811	.0841	.0859	.0852	.0851	.0857	.0850	.0842	.0895
90.	.0985	.0894		.0738	.0767	.0788	.0825	.0837	.2078	.0879	.0788	.0840	.0849	.0818
120.			.0699	.0703	.0738	.0746	.0788	.0806	.0797	.0777	.0823	.0794	.0779	.0844
140.	.0942	.0858	.0717	.0756	.0726	.0810	.0793	.0823	.0828	.0819	.0828	.0787	.0806	.0852
150.				.0764	.0747	.0726	.0807	.0830	.0828	.0866	.0827	.0784	.0863	.0864
160.		.0941	.0853	.0809	.0792	.0777	.0850	.0880	.0877	.0872	.0843	.0859	.0885	.0920
170.			.1054	.1059	.1030	.1018	.1105	.1102	.1103	.1131	.1097	.1096	.1099	.1119
180.	.2214	.2149	.2255	.2158	.2126	.2118	.2169	.2181	.2201	.2193	.2159	.2156	.2139	.2187
190.			.1433	.1432	.1387	.1337	.1478	.1493	.1467	.1503	.1466	.1439	.1460	.1476
200.		.1252	.1172	.1140	.1112	.1099	.1170	.1200	.1207	.1197	.1162	.1167	.1206	.1227
210.				.1050	.1055	.1038	.1105	.1133	.1105	.1103	.1110	.1066	.1138	.1156
220.	.1215	.1120	.0970	.1048	.1011	.1081	.1097	.1097	.1094	.1084	.1087	.1037	.1071	.1136
240.			.0968	.0968	.1001	.1025	.1076	.1052	.1070	.1050	.1089	.1062	.1024	.1073
270.	.1240	.1159		.0983	.1037	.1068	.1096	.1098	.2148	.1122	.1062	.1105	.1106	.1084
300.			.0989	.1008	.1044	.1084	.1122	.1123	.1116	.1106	.1153	.1113	.1101	.1165
320.	.1250	.1173	.1024	.1076	.1046	.1131	.1122	.1161	.1159	.1162	.1160	.1099	.1149	.1209
330.				.1086	.1074	.1059	.1152	.1168	.1173	.1182	.1177	.1101	.1218	.1220
340.		.1275	.1130	.1158	.1144	.1144	.1227	.1245	.1264	.1256	.1232	.1216	.1287	.1303
350.			.1391	.1393	.1385	.1356	.1500	.1459	.1493	.1523	.1510	.1455	.1486	.1514
						FOR ALPHA = 1.50 DEG								
0.	.1838	.1801	.1832	.1790	.1765	.1787	.1819	.1829	.1854	.1864	.1831	.1855	.1824	.1860
10.			.1041	.1048	.1005	.0975	.1115	.1079	.1093	.1132	.1094	.1073	.1095	.1121
20.		.1013	.0842	.0845	.0842	.0818	.0904	.0909	.0925	.0928	.0899	.0881	.0931	.0965
30.				.0814	.0789	.0769	.0868	.0871	.0868	.0884	.0900	.0831	.0923	.0935
40.	.1007	.0946	.0777	.0807	.0791	.0885	.0852	.0863	.0866	.0856	.0889	.0828	.0869	.0925
60.			.0760	.0763	.0794	.0834	.0849	.0850	.0831	.0813	.0894	.0853	.0836	.0894
90.	.0982	.0906		.0732	.0789	.0804	.0819	.0833	.2070	.0869	.0792	.0837	.0842	.0814
120.			.0697	.0732	.0766	.0761	.0787	.0803	.0779	.0774	.0818	.0786	.0776	.0834
140.	.0947	.0860	.0700	.0769	.0728	.0806	.0797	.0823	.0821	.0821	.0836	.0783	.0821	.0858
150.				.0779	.0734	.0739	.0812	.0832	.0833	.0855	.0827	.0792	.0870	.0870
160.		.0961	.0881	.0814	.0795	.0790	.0871	.0887	.0908	.0893	.0864	.0866	.0913	.0955
170.			.1117	.1116	.1091	.1054	.1160	.1176	.1171	.1197	.1174	.1152	.1169	.1174
180.	.2382	.2323	.2434	.2360	.2332	.2321	.2346	.2367	.2378	.2351	.2332	.2341	.2320	.2352
190.			.1467	.1511	.1473	.1421	.1542	.1525	.1552	.1577	.1551	.1497	.1545	.1545
200.		.1276	.1198	.1164	.1145	.1149	.1197	.1220	.1264	.1218	.1204	.1185	.1266	.1274
210.				.1069	.1057	.1062	.1118	.1154	.1133	.1126	.1119	.1051	.1170	.1169
220.	.1238	.1119	.0940	.1051	.1030	.1105	.1073	.1107	.1104	.1109	.1094	.1042	.1100	.1130
240.			.0932	.1002	.1028	.1044	.1043	.1059	.1052	.1059	.1079	.1067	.1043	.1088
270.	.1236	.1143		.0977	.1060	.1067	.1078	.1101	.2163	.1125	.1038	.1106	.1107	.1091
300.			.1002	.1004	.1057	.1093	.1113	.1128	.1102	.1088	.1134	.1127	.1100	.1155
320.	.1243	.1158	.1020	.1072	.1037	.1132	.1122	.1154	.1140	.1143	.1133	.1098	.1135	.1192
330.				.1093	.1057	.1043	.1133	.1177	.1162	.1167	.1144	.1100	.1201	.1206
340.		.1231	.1079	.1140	.1122	.1124	.1187	.1236	.1244	.1225	.1175	.1181	.1244	.1280
350.			.1329	.1337	.1325	.1301	.1420	.1423	.1441	.1458	.1413	.1383	.1421	.1435

TABLE III. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.50 DEG								
0.	.2210	.2171	.2176	.2153	.2162	.2063	.2105	.2126	.2068	.2089	.2060	.2124	.2071	0.
10.	.1289	.1250	.1187	.1133	.1266	.1090	.1117	.1124	.1103	.1086	.1094	.1124	.1184	10.
20.	.0964	.0977	.0949	.0952	.0959	.0917	.0937	.0935	.0879	.0885	.0864	.0955	.0925	20.
30.	.0880	.0879	.0880	.0858	.0846	.0854	.0833	.0834	.0830	.0823	.0808	.0822	.0864	30.
40.	.0892	.0824	.0827	.0865	.0791	.0821	.0817	.0823	.0816	.0803	.0770	.0830	.0862	40.
60.	.0872	.0808	.0846	.0826	.0768	.0767	.0756	.0763	.0795	.0770	.0819	.0836	.0893	60.
90.	.0816	.0777	.0792	.0810	.0697	.0699	.0714	.0717	.0704	.0706	.0758	.0803	.0833	90.
120.	.0782	.0732	.0755	.0751	.0685	.0683	.0685	.0678	.0652	.0660	.0717	.0724	.0757	120.
140.	.0823	.0736	.0741	.0759	.0679	.0698	.0712	.0710	.0700	.0674	.0628	.0681	.0736	140.
150.	.0782	.0780	.0788	.0751	.0685	.0711	.0711	.0711	.0691	.0688	.0663	.0672	.0720	150.
160.	.0849	.0858	.0839	.0819	.0809	.0768	.0765	.0751	.0714	.0706	.0699	.0785	.0785	160.
170.	.1031	.1064	.1020	.0963	.1059	.0922	.0916	.0909	.0879	.0915	.0900	.0919	.0958	170.
180.	.2019	.1958	.1959	.1934	.1913	.1837	.1869	.1868	.1849	.1847	.1844	.1885	.1833	180.
190.	.1421	.1411	.1367	.1326	.1433	.1260	.1268	.1279	.1258	.1267	.1292	.1313	.1337	190.
200.	.1153	.1157	.1130	.1133	.1100	.1076	.1087	.1066	.1036	.1033	.1015	.1094	.1106	200.
210.	.1048	.1043	.1047	.1046	.0977	.1007	.1000	.1012	.0980	.0965	.0950	.0956	.0994	210.
220.	.1073	.1008	.1003	.1025	.0949	.0974	.0976	.0989	.0957	.0949	.0915	.0962	.1005	220.
240.	.1052	.0978	.0997	.1004	.0926	.0928	.0919	.0942	.0914	.0918	.0978	.0999	.1015	240.
270.	.1070	.1028	.1040	.1070	.0946	.0969	.0971	.0960	.0947	.0943	.1010	.1061	.1078	270.
300.	.1140	.1073	.1092	.1112	.1043	.1039	.1031	.1037	.1011	.1016	.1082	.1102	.1144	300.
320.	.1184	.1113	.1125	.1144	.1060	.1076	.1097	.1098	.1084	.1069	.1032	.1077	.1149	320.
330.	.1178	.1166	.1180	.1158	.1084	.1119	.1109	.1119	.1104	.1111	.1083	.1099	.1138	330.
340.	.1302	.1294	.1286	.1275	.1261	.1217	.1240	.1216	.1204	.1180	.1167	.1248	.1263	340.
350.	.1598	.1599	.1544	.1495	.1620	.1457	.1479	.1489	.1446	.1473	.1473	.1501	.1523	350.
						FOR ALPHA = .50 DEG								
0.	.2024	.1996	.1997	.1964	.1984	.1908	.1927	.1907	.1921	.1912	.1898	.1960	.1906	0.
10.	.1211	.1161	.1136	.1074	.1168	.1032	.1064	.1085	.1031	.1041	.1055	.1073	.1111	10.
20.	.0954	.0945	.0937	.0924	.0929	.0862	.0896	.0895	.0863	.0865	.0849	.0900	.0925	20.
30.	.0880	.0862	.0887	.0852	.0818	.0817	.0825	.0825	.0799	.0811	.0803	.0828	.0842	30.
40.	.0884	.0828	.0818	.0838	.0796	.0806	.0818	.0812	.0804	.0775	.0758	.0819	.0862	40.
60.	.0852	.0807	.0822	.0826	.0780	.0764	.0772	.0767	.0785	.0755	.0826	.0845	.0875	60.
90.	.0805	.0778	.0798	.0803	.0693	.0720	.0711	.0708	.0719	.0706	.0769	.0812	.0833	90.
120.	.0779	.0729	.0751	.0747	.0681	.0688	.0686	.0689	.0691	.0672	.0726	.0738	.0756	120.
140.	.0807	.0763	.0740	.0757	.0700	.0711	.0726	.0731	.0701	.0691	.0647	.0688	.0755	140.
150.	.0780	.0782	.0790	.0765	.0730	.0736	.0727	.0729	.0693	.0697	.0673	.0672	.0730	150.
160.	.0876	.0880	.0866	.0853	.0819	.0798	.0797	.0778	.0756	.0722	.0710	.0788	.0801	160.
170.	.1161	.1138	.1080	.1032	.1095	.0966	.0972	.0965	.0937	.0928	.0974	.0978	.1014	170.
180.	.2175	.2144	.2123	.2111	.2104	.2025	.2061	.2053	.2006	.2040	.2006	.2057	.2012	180.
190.	.1500	.1516	.1438	.1396	.1494	.1348	.1342	.1343	.1333	.1336	.1353	.1363	.1397	190.
200.	.1192	.1209	.1155	.1188	.1161	.1128	.1130	.1097	.1050	.1063	.1066	.1122	.1139	200.
210.	.1070	.1066	.1073	.1054	.1004	.1046	.1016	.1024	.0994	.0996	.0962	.0972	.1017	210.
220.	.1092	.1022	.1008	.1022	.0965	.0996	.0984	.1020	.0993	.0974	.0934	.0969	.0999	220.
240.	.1059	.1000	.1003	.1011	.0939	.0939	.0937	.0937	.0925	.0938	.0979	.1000	.1029	240.
270.	.1076	.1022	.1047	.1070	.0957	.0968	.0975	.0952	.0955	.0952	.1005	.1070	.1090	270.
300.	.1138	.1058	.1105	.1097	.1045	.1008	.1018	.1025	.1029	.1011	.1083	.1095	.1136	300.
320.	.1178	.1094	.1117	.1114	.1052	.1059	.1066	.1077	.1062	.1061	.1017	.1077	.1125	320.
330.	.1172	.1134	.1148	.1126	.1081	.1091	.1094	.1101	.1089	.1095	.1058	.1081	.1128	330.
340.	.1270	.1251	.1224	.1223	.1217	.1183	.1194	.1185	.1153	.1158	.1114	.1219	.1216	340.
350.	.1545	.1506	.1473	.1420	.1556	.1397	.1390	.1402	.1383	.1389	.1406	.1438	.1446	350.
						FOR ALPHA = 1.50 DEG								
0.	.1870	.1831	.1820	.1822	.1831	.1760	.1758	.1760	.1743	.1758	.1726	.1757	.1738	0.
10.	.1166	.1129	.1072	.1049	.1133	.1014	.1011	.1012	.0988	.0997	.0994	.1023	.1059	10.
20.	.0948	.0929	.0915	.0908	.0881	.0877	.0871	.0866	.0834	.0873	.0826	.0900	.0904	20.
30.	.0864	.0855	.0867	.0846	.0801	.0819	.0803	.0833	.0800	.0824	.0786	.0789	.0836	30.
40.	.0890	.0809	.0828	.0842	.0797	.0800	.0810	.0805	.0775	.0796	.0747	.0803	.0853	40.
60.	.0883	.0803	.0840	.0836	.0771	.0767	.0767	.0770	.0776	.0763	.0816	.0845	.0865	60.
90.	.0826	.0769	.0792	.0811	.0703	.0711	.0728	.0725	.0724	.0707	.0769	.0801	.0820	90.
120.	.0781	.0732	.0752	.0750	.0704	.0687	.0691	.0691	.0687	.0677	.0727	.0738	.0765	120.
140.	.0821	.0760	.0761	.0786	.0705	.0719	.0737	.0724	.0712	.0705	.0655	.0697	.0740	140.
150.	.0805	.0781	.0804	.0770	.0728	.0748	.0735	.0732	.0703	.0723	.0679	.0689	.0739	150.
160.	.0888	.0898	.0891	.0858	.0845	.0820	.0814	.0802	.0762	.0743	.0741	.0810	.0817	160.
170.	.1191	.1194	.1136	.1078	.1166	.1047	.1020	.1043	.0998	.1000	.1024	.1054	.1101	170.
180.	.2368	.2333	.2312	.2276	.2276	.2218	.2250	.2221	.2197	.2189	.2192	.2247	.2181	180.
190.	.1573	.1549	.1516	.1462	.1577	.1421	.1418	.1457	.1380	.1411	.1410	.1472	.1475	190.
200.	.1240	.1206	.1202	.1192	.1196	.1147	.1171	.1153	.1089	.1095	.1070	.1165	.1164	200.
210.	.1100	.1059	.1094	.1066	.1023	.1023	.1038	.1043	.1025	.1017	.0982	.1004	.1021	210.
220.	.1111	.1025	.1039	.1039	.0984	.0974	.1005	.1013	.1008	.0978	.0952	.0992	.1015	220.
240.	.1055	.0978	.1021	.1010	.0954	.0929	.0945	.0943	.0933	.0900	.0988	.1008	.1052	240.
270.	.1065	.1029	.1057	.1065	.0940	.0956	.0976	.0958	.0957	.0932	.1016	.1059	.1085	270.
300.	.1119	.1070	.1102	.1096	.1002	.1000	.1014	.1011	.1022	.1008	.1079	.1084	.1117	300.
320.	.1138	.1075	.1092	.1107	.1025	.1039	.1058	.1053	.1029	.1030	.1011	.1062	.1110	320.
330.	.1128	.1113	.1129	.1096	.1049	.1067	.1069	.1072	.1055	.1059	.1045	.1059	.1099	330.
340.	.1230	.1213	.1191	.1180	.1166	.1134	.1157	.1137	.1112	.1118	.1098	.1186	.1182	340.
350.	.1456	.1429	.1385	.1340	.1471	.1314	.1308	.1318	.1297	.1302	.1328	.1349	.1377	350.

TABLE III. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.50 DEG								
0.	.1699	.1638	.1662	.1634	.1618	.1639	.1662	.1675	.1715	.1699	.1685	.1679	.1686	.1701
10.			.0977	.0974	.0959	.0951	.1022	.1048	.1031	.1078	.1054	.1020	.1029	.1056
20.		.0949	.0803	.0821	.0807	.0804	.0862	.0900	.0930	.0905	.0868	.0875	.0910	.0931
30.				.0801	.0766	.0778	.0848	.0861	.0870	.0897	.0855	.0824	.0889	.0915
40.	.0987	.0918	.0778	.0765	.0761	.0889	.0846	.0854	.0857	.0858	.0858	.0815	.0868	.0909
60.			.0752	.0733	.0790	.0821	.0842	.0844	.0815	.0822	.0873	.0844	.0838	.0907
90.	.0965	.0880		.0709	.0790	.0798	.0816	.0819	.2137	.0870	.0788	.0836	.0846	.0817
120.			.0681	.0742	.0740	.0764	.0800	.0802	.0780	.0772	.0813	.0789	.0771	.0835
140.	.0951	.0826	.0676	.0757	.0723	.0814	.0802	.0831	.0831	.0819	.0814	.0777	.0820	.0857
150.				.0779	.0736	.0740	.0815	.0841	.0827	.0855	.0823	.0791	.0861	.0875
160.		.0974	.0921	.0826	.0819	.0793	.0856	.0891	.0918	.0906	.0867	.0876	.0929	.0948
170.			.1178	.1176	.1143	.1110	.1217	.1223	.1224	.1280	.1228	.1226	.1246	.1231
180.	.2560	.2512	.2608	.2546	.2484	.2542	.2541	.2539	.2601	.2571	.2518	.2536	.2509	.2552
190.			.1574	.1551	.1529	.1518	.1631	.1624	.1619	.1651	.1632	.1588	.1620	.1620
200.		.1324	.1244	.1178	.1175	.1169	.1243	.1274	.1279	.1256	.1243	.1224	.1289	.1275
210.				.1092	.1057	.1055	.1134	.1145	.1124	.1147	.1144	.1090	.1174	.1162
220.	.1257	.1145	.0951	.1050	.1019	.1105	.1083	.1113	.1114	.1108	.1116	.1076	.1108	.1139
240.			.0962	.1023	.0994	.1039	.1066	.1070	.1046	.1035	.1084	.1048	.1023	.1096
270.	.1231	.1145		.0985	.1039	.1061	.1074	.1091	.2179	.1112	.1043	.1097	.1102	.1084
300.			.0992	.0969	.1051	.1083	.1111	.1101	.1082	.1085	.1138	.1106	.1083	.1153
320.	.1223	.1172	.1002	.1032	.1037	.1122	.1118	.1129	.1126	.1127	.1126	.1087	.1106	.1176
330.				.1062	.1031	.1040	.1126	.1145	.1136	.1146	.1124	.1085	.1163	.1172
340.		.1207	.1044	.1111	.1096	.1078	.1159	.1216	.1197	.1188	.1155	.1147	.1197	.1231
350.			.1246	.1263	.1257	.1227	.1347	.1361	.1351	.1374	.1345	.1315	.1360	.1368
						FOR ALPHA = 3.50 DEG								
0.	.1548	.1511	.1531	.1495	.1476	.1493	.1535	.1540	.1565	.1579	.1552	.1545	.1519	.1557
10.			.0925	.0918	.0914	.0878	.0977	.0982	.0995	.1028	.0995	.0972	.1001	.1025
20.		.0926	.0781	.0811	.0785	.0788	.0853	.0888	.0891	.0891	.0857	.0836	.0884	.0929
30.				.0792	.0759	.0789	.0840	.0866	.0858	.0859	.0833	.0790	.0879	.0898
40.	.0970	.0929	.0737	.0759	.0776	.0880	.0834	.0856	.0850	.0850	.0852	.0798	.0833	.0903
60.			.0728	.0708	.0801	.0812	.0833	.0836	.0815	.0826	.0866	.0854	.0828	.0876
90.	.0948	.0866		.0727	.0783	.0783	.0809	.0820	.2142	.0855	.0778	.0837	.0842	.0819
120.			.0677	.0733	.0749	.0755	.0784	.0795	.0777	.0784	.0810	.0789	.0773	.0832
140.	.0948	.0842	.0660	.0760	.0739	.0810	.0797	.0831	.0825	.0828	.0830	.0774	.0819	.0861
150.				.0773	.0734	.0762	.0814	.0847	.0831	.0854	.0834	.0794	.0886	.0874
160.		.1005	.0950	.0844	.0833	.0831	.0902	.0907	.0929	.0918	.0890	.0897	.0936	.0980
170.			.1218	.1247	.1219	.1191	.1306	.1288	.1318	.1338	.1315	.1303	.1320	.1326
180.	.2792	.2731	.2810	.2736	.2684	.2722	.2768	.2746	.2783	.2753	.2737	.2740	.2725	.2737
190.			.1640	.1614	.1609	.1578	.1723	.1696	.1701	.1718	.1704	.1685	.1678	.1716
200.		.1363	.1289	.1189	.1182	.1196	.1255	.1299	.1279	.1273	.1238	.1270	.1307	.1336
210.				.1096	.1051	.1068	.1140	.1151	.1139	.1158	.1156	.1100	.1199	.1176
220.	.1257	.1132	.0966	.1029	.1028	.1101	.1102	.1122	.1103	.1117	.1109	.1080	.1091	.1135
240.			.0959	.1015	.1013	.1033	.1066	.1063	.1042	.1044	.1078	.1039	.1030	.1095
270.	.1202	.1123		.0996	.1029	.1044	.1072	.1067	.2206	.1103	.1043	.1086	.1086	.1078
300.			.0965	.0962	.1046	.1070	.1089	.1085	.1074	.1090	.1139	.1109	.1073	.1143
320.	.1196	.1161	.0974	.0978	.1019	.1111	.1105	.1110	.1103	.1109	.1113	.1062	.1102	.1156
330.				.1022	.1004	.1036	.1118	.1132	.1114	.1127	.1095	.1059	.1137	.1146
340.		.1169	.1023	.1065	.1042	.1044	.1141	.1179	.1175	.1150	.1105	.1111	.1170	.1199
350.			.1169	.1196	.1182	.1160	.1281	.1296	.1286	.1303	.1293	.1250	.1270	.1301
						FOR ALPHA = 5.50 DEG								
0.	.1304	.1238	.1267	.1220	.1205	.1234	.1255	.1267	.1296	.1301	.1288	.1262	.1257	.1297
10.			.0785	.0805	.0818	.0798	.0889	.0894	.0907	.0914	.0897	.0882	.0897	.0904
20.		.0879	.0750	.0738	.0735	.0740	.0817	.0844	.0848	.0838	.0811	.0796	.0865	.0868
30.				.0695	.0733	.0759	.0817	.0815	.0819	.0827	.0798	.0757	.0846	.0849
40.	.0915	.0887	.0685	.0682	.0731	.0871	.0808	.0810	.0817	.0813	.0818	.0769	.0811	.0872
60.			.0678	.0708	.0740	.0786	.0814	.0805	.0800	.0795	.0841	.0814	.0801	.0856
90.	.0913	.0826		.0703	.0742	.0747	.0789	.0791	.2247	.0839	.0755	.0809	.0826	.0802
120.			.0665	.0726	.0711	.0727	.0761	.0776	.0775	.0769	.0793	.0768	.0763	.0828
140.	.0948	.0823	.0632	.0747	.0712	.0803	.0789	.0818	.0810	.0814	.0809	.0770	.0812	.0852
150.				.0768	.0750	.0758	.0812	.0828	.0818	.0848	.0834	.0799	.0887	.0869
160.		.1064	.0987	.0889	.0858	.0875	.0927	.0948	.0957	.0958	.0941	.0924	.0979	.0992
170.			.1356	.1385	.1372	.1362	.1466	.1465	.1478	.1482	.1475	.1457	.1467	.1477
180.	.3208	.3127	.3253	.3209	.3095	.3157	.3169	.3165	.3212	.3187	.3174	.3156	.3145	.3192
190.			.1796	.1825	.1779	.1763	.1890	.1869	.1888	.1951	.1903	.1899	.1877	.1900
200.		.1447	.1409	.1249	.1236	.1259	.1338	.1341	.1386	.1334	.1305	.1324	.1368	.1412
210.				.1117	.1059	.1096	.1144	.1175	.1177	.1188	.1200	.1137	.1238	.1245
220.	.1277	.1155	.0975	.1062	.1021	.1102	.1104	.1127	.1125	.1133	.1143	.1081	.1151	.1151
240.			.0946	.1007	.1004	.1007	.1051	.1058	.1033	.1058	.1065	.1033	.1048	.1097
270.	.1189	.1095		.0994	.1018	.1014	.1059	.1059	.2261	.1090	.1018	.1070	.1078	.1059
300.			.0925	.0962	.1016	.1027	.1053	.1064	.1042	.1039	.1111	.1081	.1034	.1096
320.	.1157	.1148	.0933	.0929	.1000	.1082	.1056	.1060	.1051	.1055	.1085	.1017	.1047	.1110
330.				.0939	.0983	.0993	.1067	.1067	.1046	.1056	.1044	.0994	.1093	.1087
340.		.1138	.0987	.1003	.0977	.0982	.1081	.1092	.1088	.1081	.1041	.1031	.1078	.1116
350.			.1051	.1077	.1060	.1028	.1151	.1150	.1174	.1174	.1144	.1105	.1128	.1145

TABLE III. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.	.1718	.1672	.1686	.1665	.1674	.1579	.1600	.1609	.1601	.1595	.1575	.1608	.1582	0.
10.	.1134	.1058	.1011	.0979	.1080	.0946	.0951	.0983	.0923	.0926	.0956	.0973	.0982	10.
20.	.0910	.0903	.0892	.0880	.0870	.0837	.0840	.0842	.0839	.0808	.0818	.0866	.0883	20.
30.	.0853	.0833	.0836	.0812	.0790	.0801	.0788	.0806	.0790	.0795	.0768	.0796	.0812	30.
40.	.0864	.0809	.0810	.0817	.0767	.0786	.0801	.0788	.0778	.0774	.0735	.0803	.0869	40.
60.	.0842	.0806	.0812	.0824	.0769	.0749	.0744	.0749	.0778	.0760	.0814	.0838	.0870	60.
90.	.0799	.0764	.0796	.0803	.0687	.0715	.0718	.0706	.0720	.0714	.0772	.0804	.0832	90.
120.	.0780	.0731	.0741	.0753	.0695	.0698	.0698	.0688	.0698	.0680	.0737	.0756	.0771	120.
140.	.0814	.0766	.0760	.0767	.0719	.0738	.0748	.0739	.0727	.0711	.0675	.0703	.0744	140.
150.	.0796	.0798	.0817	.0777	.0754	.0764	.0758	.0761	.0714	.0710	.0685	.0701	.0740	150.
160.	.0917	.0935	.0915	.0887	.0874	.0844	.0856	.0826	.0787	.0761	.0751	.0815	.0843	160.
170.	.1275	.1268	.1211	.1161	.1228	.1084	.1072	.1099	.1058	.1051	.1068	.1121	.1130	170.
180.	.2571	.2517	.2494	.2491	.2489	.2400	.2422	.2419	.2411	.2394	.2380	.2450	.2381	180.
190.	.1654	.1618	.1589	.1559	.1647	.1514	.1508	.1506	.1478	.1504	.1492	.1531	.1532	190.
200.	.1272	.1266	.1244	.1223	.1207	.1174	.1181	.1166	.1139	.1142	.1127	.1191	.1183	200.
210.	.1116	.1081	.1100	.1067	.1033	.1043	.1048	.1062	.1027	.1045	.1017	.1018	.1048	210.
220.	.1126	.1038	.1040	.1023	.0990	.0999	.1015	.1014	.0995	.0988	.0942	.0977	.1034	220.
240.	.1062	.0999	.1008	.0990	.0957	.0938	.0939	.0926	.0929	.0908	.0983	.1011	.1046	240.
270.	.1074	.1038	.1046	.1057	.0950	.0956	.0966	.0941	.0951	.0941	.1006	.1049	.1075	270.
300.	.1117	.1069	.1082	.1075	.1002	.0992	.1007	.1021	.1003	.1005	.1066	.1079	.1110	300.
320.	.1134	.1055	.1062	.1072	.1012	.1036	.1040	.1035	.1022	.1020	.0983	.1045	.1098	320.
330.	.1108	.1088	.1102	.1084	.1032	.1064	.1054	.1063	.1040	.1034	.1024	.1021	.1077	330.
340.	.1185	.1170	.1150	.1142	.1139	.1118	.1122	.1104	.1078	.1067	.1063	.1125	.1129	340.
350.	.1388	.1363	.1323	.1296	.1399	.1243	.1260	.1244	.1241	.1234	.1255	.1268	.1288	350.
						FOR ALPHA = 3.50 DEG								
0.	.1551	.1526	.1538	.1527	.1520	.1456	.1461	.1461	.1449	.1460	.1437	.1463	.1459	0.
10.	.1058	.1006	.0971	.0933	.1032	.0901	.0896	.0894	.0878	.0896	.0887	.0908	.0955	10.
20.	.0886	.0877	.0859	.0856	.0846	.0812	.0825	.0812	.0778	.0780	.0770	.0847	.0850	20.
30.	.0833	.0822	.0829	.0811	.0758	.0777	.0783	.0797	.0775	.0781	.0743	.0753	.0800	30.
40.	.0861	.0779	.0790	.0810	.0748	.0772	.0780	.0777	.0767	.0761	.0737	.0790	.0828	40.
60.	.0829	.0783	.0815	.0814	.0750	.0740	.0747	.0758	.0757	.0747	.0818	.0833	.0861	60.
90.	.0806	.0761	.0782	.0804	.0691	.0700	.0710	.0713	.0710	.0700	.0768	.0802	.0840	90.
120.	.0788	.0728	.0763	.0747	.0701	.0709	.0703	.0702	.0686	.0665	.0733	.0755	.0787	120.
140.	.0824	.0777	.0756	.0788	.0720	.0723	.0748	.0742	.0751	.0711	.0685	.0712	.0746	140.
150.	.0798	.0804	.0829	.0811	.0758	.0770	.0771	.0767	.0738	.0737	.0696	.0704	.0750	150.
160.	.0934	.0930	.0927	.0906	.0922	.0867	.0889	.0859	.0812	.0802	.0770	.0858	.0856	160.
170.	.1336	.1330	.1269	.1228	.1327	.1166	.1146	.1151	.1122	.1125	.1145	.1159	.1228	170.
180.	.2759	.2705	.2688	.2689	.2690	.2627	.2597	.2596	.2581	.2602	.2547	.2643	.2562	180.
190.	.1725	.1724	.1687	.1622	.1738	.1576	.1584	.1563	.1554	.1541	.1587	.1612	.1632	190.
200.	.1300	.1310	.1275	.1246	.1254	.1202	.1204	.1209	.1167	.1174	.1151	.1231	.1206	200.
210.	.1112	.1109	.1094	.1095	.1045	.1076	.1069	.1064	.1045	.1044	.1027	.1015	.1060	210.
220.	.1103	.1058	.1037	.1054	.0995	.1014	.1017	.1015	.1015	.0996	.0947	.0998	.1038	220.
240.	.1053	.0992	.1016	.0990	.0941	.0950	.0921	.0934	.0921	.0921	.0982	.1000	.1054	240.
270.	.1060	.1026	.1039	.1053	.0922	.0955	.0962	.0951	.0953	.0943	.1003	.1045	.1085	270.
300.	.1099	.1056	.1069	.1060	.0993	.0976	.0982	.1004	.1007	.1006	.1058	.1059	.1095	300.
320.	.1098	.1038	.1050	.1062	.0991	.1010	.1017	.1017	.1016	.1019	.0980	.1030	.1087	320.
330.	.1091	.1062	.1062	.1061	.1009	.1040	.1024	.1028	.1014	.1024	.0999	.1020	.1047	330.
340.	.1139	.1121	.1106	.1120	.1115	.1090	.1091	.1063	.1048	.1049	.1032	.1091	.1085	340.
350.	.1315	.1296	.1254	.1223	.1338	.1190	.1190	.1198	.1161	.1167	.1193	.1219	.1234	350.
						FOR ALPHA = 5.50 DEG								
0.	.1306	.1263	.1271	.1256	.1255	.1182	.1168	.1182	.1174	.1184	.1152	.1191	.1175	0.
10.	.0990	.0906	.0865	.0838	.0931	.0798	.0798	.0799	.0786	.0792	.0799	.0841	.0828	10.
20.	.0827	.0815	.0796	.0813	.0789	.0757	.0756	.0749	.0733	.0726	.0705	.0776	.0765	20.
30.	.0798	.0789	.0777	.0756	.0740	.0740	.0729	.0752	.0728	.0725	.0697	.0711	.0749	30.
40.	.0832	.0757	.0779	.0763	.0714	.0746	.0739	.0753	.0733	.0720	.0679	.0743	.0791	40.
60.	.0810	.0770	.0799	.0774	.0719	.0725	.0713	.0717	.0748	.0721	.0773	.0796	.0816	60.
90.	.0789	.0748	.0775	.0793	.0682	.0692	.0711	.0685	.0692	.0690	.0739	.0783	.0811	90.
120.	.0788	.0730	.0758	.0737	.0694	.0692	.0692	.0682	.0679	.0665	.0731	.0750	.0786	120.
140.	.0849	.0782	.0775	.0782	.0723	.0737	.0748	.0756	.0745	.0732	.0688	.0722	.0756	140.
150.	.0798	.0791	.0827	.0810	.0766	.0785	.0794	.0791	.0759	.0758	.0727	.0724	.0782	150.
160.	.0964	.0982	.0974	.0970	.0970	.0913	.0918	.0910	.0871	.0862	.0836	.0912	.0901	160.
170.	.1487	.1488	.1439	.1389	.1486	.1307	.1305	.1302	.1292	.1309	.1295	.1341	.1360	170.
180.	.3210	.3151	.3156	.3102	.3126	.3027	.3067	.3052	.3031	.3027	.2996	.3051	.3010	180.
190.	.1917	.1923	.1848	.1796	.1934	.1771	.1755	.1791	.1728	.1711	.1758	.1761	.1826	190.
200.	.1373	.1385	.1351	.1308	.1336	.1254	.1289	.1291	.1246	.1255	.1225	.1307	.1314	200.
210.	.1152	.1158	.1142	.1127	.1082	.1105	.1105	.1103	.1084	.1096	.1044	.1088	.1100	210.
220.	.1116	.1073	.1049	.1077	.1011	.1025	.1034	.1014	.1039	.1005	.0973	.1034	.1062	220.
240.	.1057	.0984	.1011	.1007	.0951	.0973	.0938	.0920	.0921	.0913	.0990	.1012	.1069	240.
270.	.1061	.0999	.1034	.1039	.0916	.0941	.0948	.0943	.0928	.0926	.0993	.1022	.1064	270.
300.	.1065	.1011	.1055	.1028	.0953	.0941	.0956	.0970	.0967	.0964	.1027	.1033	.1060	300.
320.	.1057	.0985	.0998	.1025	.0938	.0962	.0971	.0969	.0956	.0967	.0926	.0972	.1027	320.
330.	.1024	.0998	.1008	.1000	.0957	.0976	.0965	.0964	.0948	.0967	.0931	.0945	.0992	330.
340.	.1045	.1034	.1037	.1045	.1029	.1004	.1006	.0974	.0958	.0957	.0927	.1018	.1009	340.
350.	.1185	.1163	.1127	.1083	.1190	.1054	.1049	.1052	.1035	.1028	.1056	.1068	.1105	350.

TABLE III. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 10.50 DEG								
0.	.0837	.0763	.0749	.0698	.0703	.0720	.0766	.0774	.0799	.0774	.0759	.0758	.0742	.0779
10.			.0593	.0622	.0610	.0611	.0694	.0708	.0690	.0704	.0670	.0645	.0668	.0688
20.		.0779	.0566	.0572	.0634	.0630	.0674	.0706	.0694	.0691	.0647	.0654	.0690	.0705
30.				.0577	.0631	.0651	.0686	.0686	.0688	.0707	.0667	.0634	.0700	.0733
40.	.0744	.0705	.0611	.0576	.0631	.0732	.0689	.0694	.0702	.0705	.0711	.0665	.0684	.0747
60.			.0615	.0636	.0636	.0631	.0681	.0704	.0707	.0703	.0762	.0733	.0701	.0752
90.	.0814	.0709		.0638	.0657	.0648	.0680	.0697	.2607	.0760	.0681	.0712	.0742	.0720
120.			.0598	.0634	.0632	.0656	.0703	.0717	.0720	.0699	.0735	.0722	.0746	.0816
140.	.0931	.0761	.0616	.0660	.0653	.0768	.0748	.0740	.0756	.0753	.0772	.0718	.0773	.0812
150.				.0703	.0716	.0714	.0812	.0822	.0821	.0846	.0854	.0819	.0904	.0892
160.		.1257	.1101	.0974	.0978	.0975	.1059	.1064	.1095	.1099	.1069	.1064	.1125	.1172
170.			.1822	.1858	.1854	.1846	.1977	.1972	.2000	.2027	.2012	.2003	.2000	.2019
180.	.4446	.4319	.4432	.4395	.4327	.4398	.4377	.4381	.4451	.4400	.4374	.4390	.4337	.4420
190.			.2291	.2288	.2307	.2258	.2414	.2419	.2428	.2485	.2444	.2442	.2453	.2480
200.		.1647	.1536	.1427	.1400	.1408	.1488	.1528	.1551	.1509	.1518	.1492	.1561	.1597
210.				.1112	.1124	.1119	.1195	.1214	.1218	.1208	.1216	.1189	.1291	.1284
220.	.1278	.1111	.0982	.1042	.1031	.1093	.1098	.1124	.1130	.1126	.1119	.1092	.1140	.1156
240.			.0960	.0939	.0930	.0947	.1005	.1006	.1023	.1005	.1025	.0986	.1013	.1049
270.	.1081	.0959		.0911	.0904	.0908	.0947	.0963	.2643	.1009	.0932	.0976	.0993	.0980
300.			.0815	.0847	.0854	.0883	.0917	.0933	.0924	.0951	.0991	.0969	.0931	.0993
320.	.0954	.0879	.0776	.0758	.0812	.0920	.0897	.0905	.0890	.0898	.0930	.0864	.0889	.0954
330.				.0755	.0795	.0834	.0872	.0870	.0874	.0894	.0863	.0815	.0904	.0918
340.		.0881	.0710	.0762	.0775	.0772	.0845	.0861	.0858	.0855	.0827	.0808	.0860	.0877
350.			.0732	.0765	.0747	.0732	.0836	.0832	.0833	.0835	.0802	.0801	.0818	.0826
						FOR ALPHA = 15.50 DEG								
0.	.0538	.0489	.0400	.0353	.0351	.0390	.0437	.0436	.0445	.0431	.0409	.0410	.0403	.0443
10.			.0373	.0353	.0377	.0379	.0452	.0445	.0430	.0435	.0416	.0411	.0422	.0438
20.		.0491	.0367	.0350	.0397	.0401	.0441	.0460	.0444	.0450	.0423	.0410	.0452	.0467
30.				.0371	.0426	.0411	.0455	.0443	.0459	.0483	.0458	.0403	.0466	.0493
40.	.0534	.0452	.0383	.0406	.0421	.0526	.0468	.0472	.0486	.0498	.0525	.0449	.0454	.0509
60.			.0400	.0454	.0454	.0441	.0475	.0504	.0517	.0533	.0580	.0558	.0527	.0577
90.	.0660	.0554		.0493	.0489	.0487	.0529	.0538	.3127	.0591	.0497	.0535	.0569	.0584
120.			.0575	.0539	.0516	.0543	.0592	.0615	.0590	.0611	.0625	.0610	.0631	.0721
140.	.0934	.0741	.0639	.0608	.0630	.0729	.0678	.0700	.0696	.0722	.0716	.0664	.0694	.0721
150.				.0811	.0785	.0772	.0842	.0885	.0823	.0885	.0890	.0868	.0965	.0942
160.		.1569	.1369	.1226	.1213	.1253	.1349	.1342	.1383	.1354	.1341	.1335	.1413	.1426
170.			.2411	.2480	.2460	.2460	.2626	.2612	.2630	.2692	.2639	.2669	.2677	.2702
180.	.5842	.5706	.5825	.5797	.5774	.5853	.5768	.5742	.5837	.5771	.5771	.5770	.5750	.5820
190.			.2871	.2918	.2922	.2953	.3099	.3064	.3116	.3212	.3137	.3109	.3123	.3160
200.		.2001	.1772	.1708	.1682	.1735	.1773	.1789	.1829	.1834	.1788	.1748	.1892	.1877
210.				.1224	.1213	.1223	.1286	.1308	.1289	.1343	.1348	.1302	.1404	.1407
220.	.1318	.1124	.1004	.1027	.1035	.1113	.1119	.1158	.1136	.1160	.1111	.1073	.1135	.1170
240.			.0942	.0898	.0864	.0903	.0946	.0985	.0984	.0982	.0992	.0970	.1001	.1066
270.	.0957	.0840		.0792	.0792	.0788	.0833	.0844	.3155	.0877	.0798	.0853	.0873	.0879
300.			.0616	.0691	.0678	.0692	.0728	.0768	.0760	.0758	.0827	.0818	.0778	.0833
320.	.0742	.0621	.0568	.0600	.0607	.0698	.0672	.0678	.0679	.0690	.0727	.0653	.0666	.0735
330.				.0520	.0568	.0560	.0618	.0613	.0626	.0655	.0626	.0568	.0645	.0680
340.		.0574	.0461	.0487	.0502	.0501	.0564	.0587	.0575	.0586	.0531	.0525	.0581	.0587
350.			.0406	.0430	.0445	.0428	.0514	.0514	.0500	.0504	.0463	.0462	.0480	.0500
						FOR ALPHA = 20.51 DEG								
0.	.0310	.0261	.0177	.0135	.0168	.0198	.0235	.0240	.0243	.0230	.0213	.0225	.0224	.0250
10.			.0104	.0120	.0128	.0136	.0210	.0215	.0197	.0207	.0186	.0193	.0203	.0221
20.		.0182	.0066	.0102	.0111	.0089	.0128	.0170	.0175	.0201	.0155	.0163	.0191	.0194
30.				.0116	.0112	.0119	.0138	.0147	.0179	.0210	.0188	.0151	.0189	.0211
40.	.0248	.0154	.0094	.0147	.0113	.0244	.0172	.0188	.0213	.0209	.0258	.0195	.0187	.0245
60.			.0135	.0206	.0169	.0180	.0212	.0252	.0243	.0261	.0313	.0323	.0300	.0349
90.	.0546	.0367		.0316	.0309	.0325	.0354	.0338	.3772	.0414	.0311	.0354	.0356	.0361
120.			.0524	.0460	.0475	.0479	.0495	.0545	.0560	.0543	.0552	.0543	.0581	.0646
140.	.1011	.0824	.0714	.0710	.0734	.0790	.0765	.0806	.0774	.0774	.0763	.0751	.0793	.0809
150.				.1011	.0992	.0977	.1045	.1066	.1050	.1073	.1092	.1106	.1189	.1187
160.		.1922	.1735	.1630	.1570	.1603	.1688	.1733	.1760	.1748	.1716	.1678	.1790	.1834
170.			.3017	.3146	.3155	.3132	.3284	.3292	.3336	.3439	.3411	.3355	.3433	.3480
180.	.7214	.7176	.7136	.7289	.7167	.7223	.7220	.7250	.7296	.7255	.7180	.7239	.7249	.7271
190.			.3564	.3663	.3620	.3627	.3830	.3806	.3832	.3888	.3876	.3876	.3883	.3909
200.		.2399	.2196	.2074	.2024	.2061	.2167	.2205	.2205	.2204	.2167	.2181	.2277	.2276
210.				.1425	.1358	.1399	.1492	.1500	.1451	.1499	.1531	.1510	.1615	.1599
220.	.1393	.1231	.1131	.1083	.1090	.1187	.1176	.1225	.1198	.1201	.1184	.1177	.1195	.1224
240.			.0935	.0844	.0847	.0861	.0890	.0892	.0906	.0939	.0952	.0927	.0954	.1050
270.	.0853	.0692		.0652	.0633	.0647	.0676	.0677	.3767	.0736	.0651	.0699	.0716	.0733
300.			.0394	.0469	.0458	.0472	.0490	.0526	.0530	.0555	.0606	.0611	.0603	.0642
320.	.0472	.0342	.0292	.0349	.0323	.0408	.0379	.0420	.0429	.0448	.0462	.0389	.0413	.0434
330.				.0277	.0254	.0252	.0291	.0289	.0341	.0355	.0325	.0269	.0333	.0360
340.		.0232	.0126	.0167	.0194	.0158	.0196	.0219	.0249	.0247	.0209	.0211	.0247	.0261
350.			.0080	.0088	.0107	.0086	.0163	.0164	.0166	.0169	.0148	.0153	.0165	.0187

TABLE III. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.50 DEG								
0.	.0786	.0749	.0742	.0729	.0738	.0667	.0671	.0676	.0671	.0679	.0668	.0707	.0675	0.
10.	.0753	.0667	.0628	.0600	.0694	.0557	.0576	.0580	.0569	.0576	.0602	.0612	.0608	10.
20.	.0646	.0641	.0631	.0642	.0619	.0594	.0593	.0583	.0571	.0557	.0547	.0601	.0626	20.
30.	.0667	.0637	.0632	.0627	.0591	.0598	.0591	.0598	.0573	.0574	.0558	.0574	.0623	30.
40.	.0697	.0645	.0641	.0647	.0580	.0609	.0601	.0609	.0591	.0589	.0553	.0614	.0665	40.
60.	.0695	.0664	.0683	.0701	.0617	.0604	.0602	.0624	.0623	.0616	.0682	.0692	.0704	60.
90.	.0714	.0670	.0694	.0715	.0598	.0623	.0617	.0612	.0616	.0603	.0664	.0692	.0699	90.
120.	.0753	.0686	.0709	.0704	.0664	.0665	.0629	.0616	.0615	.0597	.0641	.0682	.0709	120.
140.	.0805	.0753	.0754	.0787	.0739	.0719	.0721	.0728	.0695	.0714	.0683	.0726	.0770	140.
150.	.0821	.0805	.0805	.0811	.0780	.0800	.0785	.0812	.0758	.0790	.0746	.0766	.0819	150.
160.	.1147	.1137	.1132	.1149	.1128	.1089	.1095	.1086	.1031	.1025	.0998	.1070	.1058	160.
170.	.2026	.2034	.1925	.1903	.1964	.1798	.1779	.1788	.1758	.1764	.1779	.1812	.1846	170.
180.	.4412	.4339	.4365	.4320	.4311	.4274	.4305	.4293	.4246	.4205	.4216	.4300	.4178	180.
190.	.2428	.2460	.2376	.2364	.2445	.2272	.2275	.2292	.2235	.2258	.2269	.2308	.2344	190.
200.	.1561	.1581	.1561	.1571	.1540	.1485	.1495	.1520	.1419	.1430	.1425	.1500	.1496	200.
210.	.1196	.1181	.1207	.1211	.1140	.1177	.1179	.1197	.1157	.1169	.1142	.1142	.1170	210.
220.	.1146	.1084	.1094	.1109	.1041	.1040	.1041	.1067	.1051	.1045	.1009	.1080	.1078	220.
240.	.1012	.0954	.0991	.0977	.0931	.0926	.0917	.0916	.0890	.0886	.0950	.0983	.1041	240.
270.	.0983	.0937	.0956	.0969	.0857	.0865	.0871	.0870	.0866	.0856	.0911	.0954	.0990	270.
300.	.0952	.0903	.0929	.0921	.0824	.0840	.0842	.0851	.0848	.0847	.0926	.0912	.0916	300.
320.	.0920	.0838	.0846	.0854	.0785	.0804	.0801	.0815	.0831	.0786	.0748	.0816	.0866	320.
330.	.0843	.0837	.0830	.0813	.0772	.0783	.0786	.0782	.0759	.0771	.0741	.0758	.0802	330.
340.	.0822	.0805	.0798	.0814	.0821	.0761	.0765	.0750	.0744	.0730	.0706	.0778	.0787	340.
350.	.0871	.0819	.0780	.0745	.0851	.0716	.0718	.0727	.0707	.0728	.0727	.0754	.0763	350.
						FOR ALPHA = 15.50 DEG								
0.	.0448	.0429	.0416	.0405	.0406	.0341	.0352	.0353	.0353	.0352	.0349	.0375	.0352	0.
10.	.0527	.0420	.0385	.0367	.0449	.0336	.0354	.0351	.0352	.0380	.0384	.0397	.0412	10.
20.	.0407	.0393	.0397	.0416	.0404	.0375	.0367	.0364	.0369	.0360	.0332	.0387	.0413	20.
30.	.0429	.0419	.0409	.0394	.0368	.0367	.0359	.0379	.0373	.0373	.0358	.0363	.0414	30.
40.	.0487	.0423	.0427	.0434	.0371	.0386	.0376	.0401	.0397	.0389	.0343	.0413	.0459	40.
60.	.0541	.0488	.0495	.0496	.0417	.0428	.0422	.0432	.0465	.0449	.0500	.0503	.0498	60.
90.	.0569	.0525	.0534	.0549	.0460	.0473	.0478	.0479	.0473	.0469	.0517	.0533	.0566	90.
120.	.0666	.0604	.0615	.0606	.0558	.0561	.0536	.0517	.0511	.0452	.0518	.0551	.0637	120.
140.	.0715	.0694	.0703	.0717	.0669	.0669	.0706	.0679	.0684	.0652	.0646	.0696	.0772	140.
150.	.0864	.0868	.0872	.0855	.0804	.0798	.0828	.0829	.0818	.0817	.0788	.0813	.0845	150.
160.	.1417	.1435	.1457	.1420	.1431	.1345	.1367	.1352	.1307	.1319	.1292	.1336	.1333	160.
170.	.2689	.2681	.2591	.2527	.2627	.2402	.2350	.2384	.2329	.2401	.2420	.2422	.2445	170.
180.	.5809	.5733	.5734	.5663	.5702	.5715	.5725	.5720	.5702	.5633	.5610	.5671	.5586	180.
190.	.3123	.3156	.3049	.2987	.3140	.2891	.2897	.2917	.2895	.2888	.2876	.2988	.2955	190.
200.	.1870	.1867	.1904	.1891	.1897	.1795	.1791	.1800	.1757	.1793	.1728	.1803	.1800	200.
210.	.1293	.1274	.1296	.1281	.1216	.1265	.1303	.1280	.1295	.1279	.1239	.1256	.1293	210.
220.	.1134	.1084	.1151	.1143	.1086	.1066	.1107	.1110	.1099	.1077	.1047	.1115	.1155	220.
240.	.1021	.0924	.0962	.0959	.0884	.0888	.0874	.0842	.0836	.0812	.0897	.0910	.0998	240.
270.	.0858	.0816	.0837	.0867	.0735	.0747	.0770	.0753	.0752	.0740	.0805	.0830	.0852	270.
300.	.0787	.0724	.0747	.0759	.0665	.0663	.0659	.0687	.0682	.0678	.0742	.0735	.0734	300.
320.	.0683	.0617	.0628	.0629	.0572	.0586	.0579	.0581	.0570	.0556	.0524	.0595	.0651	320.
330.	.0597	.0578	.0567	.0561	.0527	.0537	.0535	.0535	.0520	.0519	.0504	.0516	.0590	330.
340.	.0526	.0515	.0521	.0532	.0525	.0490	.0499	.0490	.0483	.0469	.0436	.0499	.0539	340.
350.	.0557	.0497	.0455	.0427	.0527	.0402	.0411	.0403	.0405	.0413	.0424	.0444	.0462	350.
						FOR ALPHA = 20.51 DEG								
0.	.0258	.0236	.0233	.0228	.0224	.0167	.0172	.0177	.0176	.0178	.0176	.0190	.0172	0.
10.	.0328	.0210	.0185	.0163	.0242	.0145	.0160	.0145	.0140	.0145	.0167	.0173	.0195	10.
20.	.0135	.0143	.0150	.0165	.0175	.0132	.0143	.0123	.0111	.0099	.0094	.0136	.0166	20.
30.	.0167	.0157	.0150	.0133	.0117	.0114	.0117	.0120	.0106	.0117	.0098	.0104	.0171	30.
40.	.0211	.0180	.0185	.0187	.0145	.0169	.0143	.0143	.0147	.0115	.0106	.0160	.0200	40.
60.	.0307	.0290	.0289	.0285	.0244	.0226	.0213	.0220	.0252	.0233	.0297	.0274	.0285	60.
90.	.0373	.0331	.0338	.0379	.0286	.0291	.0300	.0308	.0316	.0302	.0337	.0364	.0400	90.
120.	.0613	.0570	.0566	.0581	.0539	.0522	.0510	.0504	.0484	.0431	.0475	.0488	.0550	120.
140.	.0767	.0735	.0771	.0788	.0726	.0703	.0735	.0741	.0740	.0718	.0684	.0758	.0803	140.
150.	.1117	.1060	.1069	.1069	.0988	.1013	.1039	.1032	.1008	.1015	.1001	.1004	.1042	150.
160.	.1815	.1817	.1839	.1834	.1837	.1739	.1748	.1766	.1698	.1719	.1694	.1744	.1722	160.
170.	.3425	.3443	.3354	.3257	.3344	.3114	.3092	.3095	.3043	.3056	.3076	.3133	.3136	170.
180.	.7312	.7261	.7234	.7155	.7165	.7231	.7237	.7251	.7188	.7173	.7127	.7249	.7116	180.
190.	.3907	.3891	.3807	.3715	.3817	.3637	.3629	.3641	.3609	.3594	.3623	.3659	.3695	190.
200.	.2259	.2283	.2274	.2230	.2279	.2196	.2175	.2176	.2150	.2180	.2137	.2177	.2148	200.
210.	.1508	.1476	.1469	.1443	.1381	.1397	.1448	.1448	.1423	.1468	.1441	.1445	.1470	210.
220.	.1203	.1146	.1202	.1204	.1141	.1130	.1137	.1126	.1157	.1169	.1120	.1183	.1245	220.
240.	.0995	.0934	.0951	.0946	.0901	.0888	.0855	.0828	.0826	.0770	.0861	.0881	.0932	240.
270.	.0711	.0675	.0693	.0715	.0594	.0615	.0634	.0639	.0656	.0635	.0673	.0703	.0734	270.
300.	.0595	.0557	.0566	.0563	.0479	.0478	.0469	.0503	.0512	.0505	.0582	.0559	.0580	300.
320.	.0404	.0362	.0361	.0376	.0333	.0338	.0328	.0336	.0338	.0311	.0277	.0344	.0369	320.
330.	.0301	.0289	.0276	.0260	.0230	.0224	.0251	.0261	.0262	.0251	.0236	.0254	.0280	330.
340.	.0200	.0190	.0199	.0203	.0212	.0182	.0189	.0203	.0174	.0172	.0146	.0201	.0217	340.
350.	.0267	.0183	.0149	.0128	.0204	.0101	.0112	.0117	.0106	.0122	.0132	.0143	.0160	350.

TABLE III. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.51 DEG								
0.	.2873	.2828	.2920	.2849	.2807	.2840	.2880	.2890	.2925	.2901	.2891	.2882	.2874	.2934
10.			.1014	.1003	.0990	.0973	.1076	.1042	.1050	.1081	.1054	.1058	.1082	.1103
20.		.0812	.0720	.0601	.0597	.0579	.0659	.0664	.0675	.0661	.0644	.0633	.0704	.0705
30.				.0552	.0555	.0532	.0596	.0597	.0609	.0636	.0628	.0588	.0656	.0662
40.	.0755	.0664	.0480	.0555	.0550	.0649	.0609	.0610	.0634	.0623	.0640	.0599	.0640	.0673
60.			.0522	.0575	.0561	.0571	.0603	.0619	.0625	.0612	.0637	.0592	.0611	.0672
90.	.0708	.0637		.0492	.0539	.0542	.0576	.0577	.2003	.0632	.0545	.0580	.0606	.0580
120.			.0460	.0472	.0487	.0533	.0551	.0542	.0529	.0534	.0558	.0539	.0510	.0559
140.	.0686	.0645	.0477	.0482	.0480	.0601	.0555	.0559	.0561	.0555	.0554	.0507	.0525	.0561
150.				.0471	.0484	.0507	.0546	.0568	.0557	.0552	.0531	.0479	.0549	.0543
160.		.0639	.0508	.0486	.0488	.0471	.0523	.0570	.0572	.0540	.0512	.0493	.0530	.0552
170.			.0549	.0541	.0500	.0471	.0566	.0554	.0561	.0571	.0551	.0523	.0530	.0555
180.	.1378	.1303	.1337	.1270	.1249	.1258	.1297	.1298	.1322	.1294	.1253	.1265	.1237	.1284
190.			.1320	.1328	.1326	.1291	.1387	.1396	.1402	.1405	.1386	.1347	.1375	.1383
200.		.1364	.1223	.1255	.1232	.1207	.1274	.1316	.1309	.1307	.1258	.1259	.1298	.1333
210.				.1199	.1207	.1200	.1243	.1256	.1272	.1286	.1253	.1208	.1293	.1291
220.	.1424	.1370	.1165	.1176	.1217	.1270	.1246	.1267	.1273	.1261	.1276	.1233	.1250	.1321
240.			.1155	.1180	.1226	.1227	.1246	.1263	.1249	.1241	.1293	.1273	.1250	.1309
270.	.1523	.1401		.1303	.1326	.1332	.1345	.1352	.2245	.1393	.1326	.1392	.1388	.1369
300.			.1325	.1402	.1412	.1449	.1473	.1472	.1461	.1461	.1516	.1472	.1453	.1541
320.	.1661	.1535	.1386	.1446	.1461	.1533	.1549	.1578	.1566	.1593	.1572	.1542	.1564	.1615
330.				.1550	.1516	.1518	.1629	.1643	.1629	.1671	.1670	.1598	.1714	.1707
340.		.1855	.1786	.1721	.1696	.1713	.1804	.1844	.1845	.1835	.1828	.1835	.1892	.1927
350.			.2209	.2199	.2178	.2171	.2340	.2315	.2343	.2388	.2386	.2328	.2337	.2378
						FOR ALPHA = -2.51 DEG								
0.	.2490	.2447	.2543	.2448	.2400	.2458	.2469	.2490	.2487	.2505	.2479	.2452	.2441	.2508
10.			.0854	.0887	.0866	.0828	.0923	.0894	.0904	.0960	.0926	.0929	.0915	.0949
20.		.0766	.0685	.0581	.0571	.0558	.0615	.0647	.0670	.0644	.0624	.0622	.0671	.0708
30.				.0562	.0550	.0548	.0590	.0641	.0646	.0648	.0623	.0586	.0653	.0670
40.	.0766	.0659	.0500	.0556	.0561	.0653	.0618	.0636	.0645	.0635	.0629	.0598	.0637	.0662
60.			.0520	.0555	.0582	.0601	.0624	.0633	.0627	.0615	.0632	.0627	.0627	.0663
90.	.0734	.0655		.0507	.0561	.0576	.0602	.0595	.1934	.0639	.0553	.0595	.0610	.0584
120.			.0496	.0486	.0516	.0545	.0559	.0554	.0540	.0533	.0571	.0539	.0518	.0593
140.	.0704	.0647	.0495	.0488	.0507	.0586	.0549	.0566	.0563	.0554	.0563	.0519	.0547	.0589
150.				.0493	.0492	.0483	.0548	.0562	.0551	.0577	.0538	.0514	.0568	.0580
160.		.0645	.0519	.0496	.0495	.0471	.0533	.0559	.0567	.0556	.0516	.0520	.0558	.0585
170.			.0622	.0586	.0546	.0543	.0601	.0628	.0593	.0637	.0592	.0577	.0581	.0610
180.	.1671	.1605	.1639	.1590	.1561	.1505	.1593	.1576	.1599	.1539	.1588	.1575	.1529	.1553
190.			.1542	.1463	.1457	.1328	.1560	.1544	.1537	.1445	.1554	.1536	.1526	.1515
200.		.1459	.1313	.1316	.1281	.1186	.1368	.1400	.1384	.1261	.1365	.1363	.1378	.1345
210.				.1297	.1241	.1152	.1334	.1309	.1312	.1238	.1330	.1266	.1351	.1256
220.	.1470	.1417	.1241	.1242	.1213	.1302	.1322	.1294	.1301	.1224	.1334	.1268	.1289	.1255
240.			.1197	.1181	.1195	.1255	.1331	.1292	.1285	.1188	.1355	.1286	.1266	.1252
270.	.1536	.1454		.1294	.1308	.1341	.1380	.1371	.2151	.1410	.1367	.1404	.1405	.1337
300.			.1344	.1398	.1398	.1439	.1470	.1467	.1450	.1463	.1517	.1483	.1468	.1511
320.	.1646	.1549	.1360	.1449	.1414	.1501	.1517	.1540	.1545	.1534	.1573	.1514	.1560	.1601
330.				.1515	.1475	.1486	.1570	.1595	.1600	.1596	.1618	.1556	.1674	.1651
340.		.1780	.1727	.1654	.1635	.1612	.1712	.1742	.1775	.1748	.1723	.1738	.1781	.1803
350.			.2039	.2032	.2031	.1977	.2117	.2114	.2150	.2174	.2150	.2112	.2159	.2169
						FOR ALPHA = -1.51 DEG								
0.	.2284	.2291	.2322	.2246	.2226	.2236	.2289	.2269	.2287	.2272	.2256	.2256	.2248	.2306
10.			.0790	.0854	.0803	.0772	.0864	.0888	.0860	.0884	.0845	.0835	.0848	.0883
20.		.0751	.0646	.0581	.0562	.0562	.0611	.0654	.0662	.0625	.0627	.0622	.0655	.0683
30.				.0547	.0539	.0535	.0593	.0642	.0624	.0661	.0635	.0621	.0663	.0674
40.	.0752	.0668	.0526	.0553	.0552	.0654	.0606	.0640	.0641	.0656	.0647	.0617	.0644	.0658
60.			.0546	.0543	.0567	.0588	.0616	.0627	.0629	.0619	.0645	.0634	.0604	.0666
90.	.0737	.0662		.0516	.0549	.0573	.0596	.0604	.1922	.0657	.0557	.0606	.0614	.0588
120.			.0476	.0484	.0496	.0534	.0557	.0558	.0560	.0544	.0580	.0555	.0534	.0583
140.	.0711	.0632	.0476	.0496	.0511	.0591	.0541	.0568	.0579	.0557	.0564	.0522	.0545	.0598
150.				.0484	.0501	.0482	.0534	.0559	.0560	.0562	.0546	.0501	.0579	.0579
160.		.0648	.0512	.0492	.0500	.0460	.0525	.0547	.0549	.0553	.0522	.0515	.0558	.0579
170.			.0631	.0627	.0586	.0541	.0633	.0624	.0629	.0647	.0620	.0583	.0613	.0640
180.	.1790	.1723	.1782	.1737	.1718	.1735	.1721	.1710	.1758	.1762	.1713	.1702	.1691	.1744
190.			.1542	.1546	.1572	.1552	.1585	.1605	.1656	.1721	.1597	.1569	.1646	.1676
200.		.1447	.1318	.1355	.1393	.1369	.1350	.1418	.1455	.1486	.1381	.1388	.1462	.1548
210.				.1317	.1315	.1319	.1302	.1319	.1359	.1392	.1313	.1283	.1412	.1474
220.	.1466	.1362	.1236	.1310	.1297	.1320	.1288	.1304	.1372	.1381	.1305	.1278	.1339	.1457
240.			.1195	.1224	.1360	.1266	.1278	.1302	.1330	.1344	.1317	.1284	.1299	.1387
270.	.1532	.1440		.1275	.1387	.1338	.1363	.1382	.2123	.1410	.1339	.1396	.1438	.1420
300.			.1328	.1384	.1394	.1414	.1442	.1441	.1441	.1448	.1521	.1474	.1443	.1519
320.	.1607	.1524	.1345	.1414	.1394	.1471	.1481	.1495	.1525	.1544	.1548	.1494	.1529	.1580
330.				.1471	.1438	.1436	.1550	.1559	.1544	.1581	.1560	.1523	.1613	.1627
340.		.1703	.1666	.1583	.1580	.1576	.1667	.1699	.1707	.1690	.1658	.1682	.1719	.1762
350.			.1917	.1920	.1903	.1887	.2026	.2023	.2011	.2070	.2020	.2019	.2034	.2052

TABLE III. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.51 DEG								
0.	.2913	.2856	.2901	.2857	.2861	.2786	.2783	.2794	.2776	.2799	.2785	.2886	.2801	0.
10.	.1119	.1121	.1019	.1016	.1070	.0946	.0924	.0947	.0925	.0941	.0938	.1009	.0993	10.
20.	.0685	.0705	.0698	.0721	.0704	.0668	.0660	.0663	.0636	.0623	.0607	.0669	.0668	20.
30.	.0598	.0597	.0614	.0615	.0565	.0583	.0556	.0587	.0549	.0584	.0549	.0562	.0600	30.
40.	.0647	.0590	.0589	.0591	.0544	.0557	.0560	.0576	.0565	.0554	.0513	.0576	.0628	40.
60.	.0631	.0569	.0585	.0576	.0531	.0535	.0516	.0526	.0529	.0514	.0559	.0621	.0647	60.
90.	.0572	.0525	.0540	.0546	.0443	.0454	.0470	.0459	.0467	.0470	.0527	.0572	.0600	90.
120.	.0519	.0463	.0481	.0459	.0410	.0419	.0425	.0442	.0438	.0437	.0497	.0521	.0535	120.
140.	.0520	.0463	.0464	.0474	.0423	.0447	.0446	.0448	.0450	.0442	.0422	.0454	.0496	140.
150.	.0479	.0467	.0476	.0473	.0435	.0440	.0431	.0446	.0426	.0443	.0415	.0428	.0455	150.
160.	.0494	.0492	.0483	.0483	.0474	.0434	.0440	.0423	.0402	.0409	.0393	.0459	.0446	160.
170.	.0581	.0534	.0498	.0478	.0541	.0429	.0431	.0440	.0402	.0418	.0427	.0447	.0451	170.
180.	.1283	.1246	.1232	.1220	.1221	.1159	.1132	.1120	.1102	.1108	.1119	.1146	.1125	180.
190.	.1424	.1384	.1345	.1321	.1417	.1268	.1267	.1263	.1238	.1216	.1258	.1271	.1284	190.
200.	.1263	.1250	.1252	.1261	.1221	.1188	.1193	.1182	.1163	.1151	.1137	.1206	.1187	200.
210.	.1245	.1214	.1224	.1193	.1147	.1168	.1169	.1168	.1135	.1141	.1127	.1129	.1173	210.
220.	.1262	.1210	.1202	.1208	.1133	.1155	.1173	.1169	.1141	.1125	.1093	.1167	.1214	220.
240.	.1267	.1233	.1251	.1219	.1157	.1136	.1158	.1158	.1150	.1143	.1219	.1213	.1229	240.
270.	.1350	.1322	.1329	.1347	.1207	.1235	.1238	.1237	.1237	.1220	.1290	.1331	.1355	270.
300.	.1498	.1412	.1449	.1444	.1375	.1351	.1328	.1358	.1347	.1342	.1430	.1440	.1506	300.
320.	.1585	.1503	.1500	.1533	.1457	.1461	.1471	.1476	.1476	.1484	.1426	.1483	.1538	320.
330.	.1629	.1589	.1592	.1596	.1525	.1550	.1562	.1556	.1554	.1542	.1530	.1528	.1589	330.
340.	.1883	.1870	.1838	.1805	.1801	.1763	.1761	.1750	.1719	.1725	.1700	.1808	.1810	340.
350.	.2374	.2369	.2334	.2259	.2415	.2226	.2234	.2216	.2191	.2216	.2255	.2290	.2323	350.
						FOR ALPHA = -2.51 DEG								
0.	.2490	.2465	.2447	.2411	.2458	.2351	.2374	.2376	.2404	.2404	.2380	.2425	.2398	0.
10.	.0985	.0971	.0898	.0867	.0929	.0796	.0813	.0831	.0797	.0800	.0825	.0857	.0915	10.
20.	.0682	.0674	.0670	.0673	.0664	.0626	.0660	.0650	.0591	.0604	.0585	.0643	.0665	20.
30.	.0608	.0613	.0622	.0613	.0567	.0577	.0561	.0581	.0546	.0568	.0555	.0573	.0604	30.
40.	.0644	.0596	.0590	.0613	.0562	.0557	.0567	.0580	.0573	.0556	.0544	.0595	.0622	40.
60.	.0623	.0565	.0594	.0592	.0550	.0552	.0530	.0540	.0548	.0530	.0581	.0621	.0655	60.
90.	.0579	.0542	.0560	.0564	.0459	.0476	.0485	.0479	.0494	.0491	.0553	.0599	.0618	90.
120.	.0545	.0514	.0507	.0502	.0431	.0429	.0432	.0454	.0452	.0469	.0529	.0542	.0557	120.
140.	.0541	.0493	.0484	.0490	.0427	.0452	.0465	.0474	.0457	.0475	.0437	.0482	.0544	140.
150.	.0500	.0487	.0489	.0471	.0433	.0447	.0454	.0464	.0432	.0478	.0455	.0467	.0492	150.
160.	.0527	.0516	.0492	.0483	.0473	.0464	.0455	.0430	.0428	.0444	.0460	.0489	.0496	160.
170.	.0635	.0585	.0542	.0516	.0593	.0498	.0488	.0488	.0462	.0471	.0500	.0515	.0532	170.
180.	.1532	.1545	.1523	.1501	.1461	.1450	.1458	.1433	.1360	.1424	.1407	.1448	.1392	180.
190.	.1591	.1588	.1490	.1448	.1483	.1438	.1442	.1415	.1299	.1417	.1440	.1414	.1369	190.
200.	.1377	.1420	.1345	.1347	.1232	.1317	.1268	.1252	.1152	.1253	.1224	.1298	.1197	200.
210.	.1301	.1308	.1272	.1232	.1215	.1262	.1203	.1216	.1123	.1218	.1172	.1168	.1124	210.
220.	.1331	.1271	.1236	.1181	.1185	.1257	.1216	.1222	.1119	.1208	.1114	.1181	.1156	220.
240.	.1319	.1243	.1252	.1142	.1183	.1195	.1149	.1151	.1187	.1205	.1214	.1222	.1175	240.
270.	.1387	.1323	.1340	.1295	.1225	.1251	.1239	.1192	.1241	.1264	.1307	.1338	.1329	270.
300.	.1488	.1414	.1453	.1427	.1350	.1349	.1351	.1327	.1337	.1359	.1433	.1446	.1465	300.
320.	.1550	.1474	.1473	.1476	.1410	.1443	.1456	.1448	.1440	.1432	.1392	.1462	.1499	320.
330.	.1568	.1556	.1577	.1531	.1470	.1510	.1505	.1515	.1468	.1507	.1462	.1505	.1543	330.
340.	.1770	.1767	.1744	.1723	.1705	.1673	.1668	.1656	.1602	.1622	.1610	.1723	.1714	340.
350.	.2171	.2174	.2107	.2063	.2182	.2035	.2016	.2033	.2014	.2020	.2065	.2065	.2099	350.
						FOR ALPHA = -1.51 DEG								
0.	.2305	.2254	.2270	.2231	.2247	.2184	.2191	.2180	.2186	.2183	.2163	.2225	.2170	0.
10.	.0951	.0891	.0841	.0798	.0892	.0764	.0792	.0810	.0738	.0773	.0784	.0801	.0816	10.
20.	.0655	.0666	.0650	.0661	.0658	.0625	.0655	.0618	.0584	.0596	.0614	.0646	.0651	20.
30.	.0605	.0597	.0617	.0601	.0568	.0566	.0562	.0570	.0556	.0578	.0573	.0582	.0601	30.
40.	.0650	.0598	.0583	.0598	.0540	.0551	.0561	.0574	.0563	.0570	.0549	.0581	.0635	40.
60.	.0626	.0591	.0597	.0596	.0542	.0535	.0529	.0541	.0565	.0536	.0589	.0620	.0668	60.
90.	.0583	.0551	.0562	.0571	.0476	.0481	.0488	.0476	.0494	.0484	.0542	.0604	.0621	90.
120.	.0550	.0500	.0521	.0505	.0453	.0427	.0442	.0459	.0485	.0470	.0531	.0546	.0550	120.
140.	.0560	.0496	.0488	.0487	.0440	.0444	.0460	.0491	.0467	.0480	.0443	.0486	.0526	140.
150.	.0516	.0483	.0501	.0482	.0448	.0447	.0461	.0479	.0437	.0468	.0449	.0454	.0498	150.
160.	.0545	.0525	.0502	.0508	.0480	.0480	.0484	.0458	.0419	.0441	.0439	.0499	.0493	160.
170.	.0683	.0618	.0579	.0544	.0599	.0512	.0518	.0501	.0490	.0508	.0523	.0527	.0532	170.
180.	.1754	.1702	.1704	.1674	.1698	.1602	.1616	.1627	.1592	.1565	.1557	.1592	.1559	180.
190.	.1646	.1638	.1590	.1595	.1729	.1493	.1507	.1518	.1535	.1482	.1526	.1549	.1597	190.
200.	.1394	.1401	.1409	.1431	.1425	.1323	.1316	.1326	.1312	.1253	.1258	.1371	.1411	200.
210.	.1302	.1289	.1337	.1335	.1223	.1247	.1238	.1299	.1292	.1216	.1199	.1219	.1309	210.
220.	.1330	.1269	.1282	.1347	.1180	.1217	.1246	.1275	.1286	.1198	.1146	.1226	.1294	220.
240.	.1290	.1248	.1289	.1333	.1167	.1165	.1201	.1234	.1178	.1170	.1235	.1286	.1332	240.
270.	.1366	.1327	.1352	.1391	.1209	.1248	.1255	.1278	.1228	.1228	.1309	.1368	.1404	270.
300.	.1465	.1410	.1423	.1426	.1337	.1358	.1332	.1336	.1326	.1332	.1405	.1450	.1484	300.
320.	.1530	.1464	.1453	.1476	.1389	.1414	.1428	.1433	.1408	.1422	.1364	.1428	.1503	320.
330.	.1534	.1549	.1536	.1510	.1439	.1468	.1461	.1493	.1470	.1478	.1444	.1459	.1511	330.
340.	.1707	.1706	.1677	.1670	.1642	.1638	.1617	.1587	.1576	.1565	.1567	.1650	.1672	340.
350.	.2061	.2048	.1998	.1963	.2108	.1940	.1932	.1927	.1907	.1932	.1961	.1956	.2002	350.

TABLE III. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -.50 DEG								
0.	.2092	.2076	.2140	.2039	.2029	.2056	.2109	.2105	.2105	.2131	.2087	.2070	.2089	.2112
10.			.0756	.0789	.0764	.0729	.0820	.0818	.0807	.0816	.0808	.0773	.0801	.0830
20.		.0740	.0612	.0569	.0565	.0557	.0600	.0624	.0632	.0627	.0592	.0604	.0659	.0686
30.				.0535	.0541	.0539	.0592	.0621	.0622	.0649	.0632	.0592	.0673	.0667
40.	.0763	.0666	.0535	.0557	.0558	.0653	.0598	.0624	.0640	.0647	.0638	.0603	.0634	.0674
60.			.0534	.0547	.0577	.0590	.0613	.0611	.0624	.0624	.0652	.0628	.0611	.0663
90.	.0745	.0661		.0526	.0535	.0564	.0603	.0606	.1935	.0656	.0570	.0605	.0614	.0591
120.			.0480	.0493	.0521	.0520	.0557	.0569	.0559	.0548	.0572	.0554	.0540	.0600
140.	.0706	.0624	.0477	.0496	.0502	.0576	.0545	.0574	.0578	.0572	.0564	.0528	.0558	.0600
150.				.0483	.0485	.0483	.0520	.0554	.0552	.0577	.0546	.0505	.0594	.0589
160.		.0651	.0528	.0494	.0488	.0477	.0524	.0546	.0552	.0544	.0518	.0511	.0575	.0607
170.			.0655	.0653	.0623	.0595	.0667	.0659	.0677	.0686	.0655	.0630	.0652	.0674
180.	.1987	.1924	.1956	.1926	.1864	.1902	.1930	.1939	.1958	.1916	.1887	.1886	.1895	.1907
190.			.1642	.1691	.1632	.1584	.1747	.1720	.1728	.1749	.1735	.1706	.1721	.1745
200.		.1549	.1413	.1410	.1406	.1383	.1495	.1508	.1507	.1465	.1463	.1456	.1511	.1525
210.				.1358	.1300	.1286	.1394	.1413	.1376	.1381	.1418	.1352	.1448	.1424
220.	.1514	.1454	.1259	.1307	.1286	.1358	.1356	.1358	.1363	.1356	.1426	.1353	.1383	.1405
240.			.1238	.1237	.1281	.1318	.1331	.1340	.1299	.1291	.1394	.1360	.1308	.1365
270.	.1553	.1466		.1264	.1350	.1367	.1378	.1381	.2128	.1430	.1374	.1424	.1423	.1387
300.			.1328	.1378	.1373	.1412	.1426	.1448	.1429	.1433	.1499	.1470	.1438	.1493
320.	.1585	.1510	.1344	.1412	.1381	.1478	.1477	.1489	.1492	.1489	.1524	.1466	.1512	.1561
330.				.1461	.1416	.1411	.1516	.1533	.1522	.1526	.1540	.1493	.1588	.1598
340.		.1659	.1537	.1541	.1530	.1512	.1621	.1646	.1660	.1638	.1626	.1626	.1683	.1704
350.			.1792	.1825	.1821	.1779	.1938	.1918	.1920	.1976	.1938	.1898	.1942	.1955
						FOR ALPHA = .50 DEG								
0.	.1920	.1894	.1973	.1876	.1855	.1869	.1910	.1914	.1932	.1930	.1898	.1919	.1888	.1950
10.			.0733	.0723	.0708	.0679	.0775	.0747	.0756	.0798	.0779	.0745	.0782	.0794
20.		.0729	.0601	.0563	.0584	.0550	.0616	.0604	.0628	.0627	.0602	.0590	.0647	.0689
30.				.0552	.0565	.0550	.0593	.0607	.0614	.0629	.0623	.0577	.0665	.0692
40.	.0753	.0692	.0531	.0563	.0565	.0646	.0590	.0620	.0647	.0632	.0648	.0588	.0636	.0691
60.			.0525	.0544	.0580	.0575	.0611	.0620	.0627	.0626	.0649	.0620	.0607	.0658
90.	.0736	.0658		.0522	.0543	.0560	.0599	.0603	.1922	.0650	.0564	.0610	.0620	.0590
120.			.0485	.0485	.0511	.0510	.0545	.0566	.0563	.0548	.0572	.0557	.0551	.0613
140.	.0690	.0616	.0472	.0495	.0498	.0555	.0536	.0573	.0570	.0570	.0570	.0538	.0575	.0613
150.				.0483	.0479	.0469	.0518	.0549	.0551	.0581	.0550	.0519	.0596	.0599
160.		.0666	.0543	.0508	.0474	.0470	.0527	.0554	.0570	.0563	.0518	.0511	.0567	.0594
170.			.0670	.0692	.0663	.0643	.0719	.0711	.0717	.0738	.0688	.0679	.0689	.0724
180.	.2144	.2089	.2144	.2094	.2062	.2096	.2112	.2099	.2117	.2099	.2074	.2061	.2065	.2102
190.			.1730	.1731	.1733	.1707	.1819	.1796	.1822	.1855	.1833	.1786	.1803	.1830
200.		.1563	.1485	.1458	.1431	.1417	.1500	.1536	.1518	.1512	.1488	.1506	.1558	.1590
210.				.1338	.1326	.1319	.1425	.1419	.1417	.1416	.1418	.1359	.1473	.1472
220.	.1513	.1413	.1248	.1303	.1290	.1372	.1380	.1388	.1391	.1362	.1396	.1354	.1374	.1432
240.			.1214	.1248	.1295	.1307	.1350	.1330	.1329	.1312	.1392	.1341	.1327	.1374
270.	.1551	.1454		.1264	.1361	.1368	.1379	.1387	.2128	.1428	.1362	.1418	.1422	.1379
300.			.1321	.1338	.1379	.1415	.1420	.1430	.1417	.1422	.1471	.1449	.1416	.1500
320.	.1576	.1491	.1337	.1412	.1359	.1463	.1453	.1466	.1460	.1467	.1491	.1438	.1481	.1536
330.				.1430	.1400	.1398	.1480	.1497	.1479	.1516	.1513	.1460	.1549	.1565
340.		.1611	.1431	.1495	.1492	.1477	.1569	.1598	.1609	.1591	.1590	.1578	.1623	.1656
350.			.1695	.1732	.1730	.1710	.1835	.1831	.1826	.1875	.1854	.1813	.1848	.1843
						FOR ALPHA = 1.49 DEG								
0.	.1778	.1734	.1759	.1721	.1704	.1723	.1745	.1750	.1773	.1786	.1743	.1719	.1723	.1756
10.			.0708	.0712	.0664	.0636	.0730	.0738	.0723	.0756	.0735	.0702	.0748	.0762
20.		.0711	.0571	.0566	.0569	.0549	.0599	.0636	.0635	.0641	.0593	.0603	.0661	.0683
30.				.0573	.0549	.0548	.0590	.0626	.0620	.0625	.0613	.0584	.0663	.0676
40.	.0754	.0688	.0542	.0570	.0558	.0654	.0605	.0620	.0627	.0627	.0631	.0609	.0637	.0700
60.			.0541	.0553	.0573	.0581	.0608	.0625	.0601	.0609	.0645	.0632	.0609	.0660
90.	.0726	.0653		.0515	.0547	.0566	.0591	.0606	.1936	.0652	.0566	.0610	.0612	.0588
120.			.0471	.0481	.0494	.0523	.0549	.0565	.0554	.0549	.0577	.0561	.0543	.0606
140.	.0683	.0597	.0451	.0485	.0470	.0560	.0530	.0572	.0562	.0564	.0566	.0543	.0563	.0609
150.				.0481	.0463	.0460	.0518	.0551	.0537	.0567	.0542	.0515	.0584	.0600
160.		.0660	.0546	.0513	.0464	.0455	.0524	.0563	.0562	.0558	.0516	.0510	.0565	.0584
170.			.0714	.0741	.0697	.0671	.0757	.0758	.0760	.0792	.0741	.0726	.0730	.0750
180.	.2312	.2275	.2337	.2280	.2271	.2258	.2308	.2290	.2313	.2304	.2267	.2260	.2256	.2284
190.			.1817	.1814	.1823	.1832	.1947	.1925	.1911	.1958	.1933	.1892	.1911	.1944
200.		.1635	.1553	.1484	.1477	.1483	.1585	.1584	.1582	.1578	.1556	.1575	.1625	.1671
210.				.1374	.1357	.1362	.1472	.1455	.1430	.1478	.1473	.1418	.1506	.1516
220.	.1555	.1451	.1261	.1327	.1321	.1401	.1405	.1406	.1417	.1409	.1446	.1377	.1407	.1476
240.			.1249	.1309	.1328	.1325	.1360	.1353	.1352	.1337	.1436	.1361	.1330	.1417
270.	.1546	.1464		.1276	.1364	.1356	.1381	.1393	.2151	.1415	.1374	.1416	.1430	.1392
300.			.1284	.1293	.1382	.1408	.1426	.1417	.1410	.1396	.1461	.1433	.1409	.1456
320.	.1552	.1463	.1320	.1386	.1360	.1425	.1447	.1444	.1453	.1446	.1442	.1425	.1446	.1500
330.				.1404	.1377	.1365	.1458	.1469	.1467	.1460	.1456	.1406	.1502	.1511
340.		.1550	.1402	.1463	.1454	.1426	.1500	.1568	.1561	.1536	.1530	.1513	.1567	.1590
350.			.1629	.1655	.1655	.1594	.1729	.1730	.1733	.1753	.1740	.1721	.1747	.1757

TABLE III. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.50 DEG								
0.	.2128	.2061	.2077	.2057	.2070	.1985	.1993	.1989	.1990	.2012	.1987	.2038	.1978	0.
10.	.0892	.0836	.0784	.0767	.0839	.0705	.0715	.0728	.0707	.0719	.0744	.0775	.0793	10.
20.	.0671	.0661	.0638	.0653	.0650	.0615	.0631	.0606	.0571	.0582	.0575	.0634	.0621	20.
30.	.0622	.0600	.0617	.0595	.0563	.0570	.0555	.0575	.0547	.0566	.0551	.0561	.0608	30.
40.	.0641	.0597	.0593	.0602	.0555	.0554	.0552	.0569	.0560	.0567	.0541	.0586	.0641	40.
60.	.0624	.0575	.0598	.0584	.0547	.0529	.0529	.0543	.0571	.0546	.0592	.0625	.0660	60.
90.	.0580	.0547	.0564	.0578	.0474	.0489	.0505	.0493	.0504	.0490	.0541	.0594	.0622	90.
120.	.0554	.0507	.0535	.0518	.0463	.0453	.0454	.0458	.0465	.0469	.0531	.0550	.0569	120.
140.	.0566	.0506	.0510	.0514	.0447	.0457	.0467	.0482	.0473	.0472	.0448	.0491	.0544	140.
150.	.0527	.0506	.0516	.0492	.0446	.0461	.0461	.0478	.0458	.0475	.0450	.0459	.0503	150.
160.	.0552	.0548	.0529	.0518	.0496	.0469	.0494	.0476	.0451	.0442	.0439	.0517	.0507	160.
170.	.0702	.0675	.0620	.0574	.0642	.0534	.0547	.0542	.0515	.0535	.0542	.0586	.0597	170.
180.	.1896	.1874	.1866	.1822	.1822	.1774	.1774	.1765	.1761	.1761	.1742	.1775	.1740	180.
190.	.1775	.1748	.1694	.1652	.1747	.1646	.1630	.1599	.1563	.1583	.1616	.1623	.1621	190.
200.	.1497	.1481	.1479	.1430	.1391	.1409	.1413	.1355	.1313	.1363	.1328	.1399	.1387	200.
210.	.1379	.1364	.1351	.1323	.1281	.1308	.1279	.1296	.1264	.1329	.1268	.1256	.1272	210.
220.	.1393	.1308	.1301	.1293	.1255	.1268	.1283	.1249	.1227	.1267	.1212	.1236	.1271	220.
240.	.1375	.1299	.1306	.1260	.1225	.1219	.1197	.1201	.1210	.1211	.1259	.1273	.1293	240.
270.	.1420	.1350	.1368	.1352	.1238	.1252	.1265	.1238	.1258	.1243	.1327	.1349	.1369	270.
300.	.1468	.1408	.1424	.1421	.1336	.1321	.1333	.1333	.1343	.1343	.1413	.1427	.1455	300.
320.	.1527	.1440	.1452	.1457	.1375	.1386	.1429	.1410	.1394	.1382	.1343	.1411	.1459	320.
330.	.1514	.1496	.1511	.1483	.1434	.1460	.1440	.1451	.1420	.1442	.1408	.1439	.1477	330.
340.	.1659	.1635	.1643	.1619	.1610	.1567	.1570	.1546	.1516	.1528	.1514	.1605	.1623	340.
350.	.1980	.1956	.1901	.1863	.1991	.1821	.1818	.1840	.1823	.1835	.1866	.1878	.1907	350.
						FOR ALPHA = .50 DEG								
0.	.1936	.1913	.1895	.1891	.1883	.1814	.1813	.1812	.1814	.1830	.1794	.1837	.1807	0.
10.	.0841	.0798	.0751	.0742	.0799	.0703	.0671	.0690	.0685	.0690	.0685	.0706	.0731	10.
20.	.0654	.0657	.0642	.0664	.0645	.0614	.0598	.0584	.0551	.0554	.0531	.0603	.0624	20.
30.	.0632	.0608	.0625	.0597	.0552	.0564	.0557	.0584	.0545	.0569	.0522	.0552	.0602	30.
40.	.0657	.0590	.0585	.0601	.0539	.0554	.0563	.0582	.0569	.0548	.0515	.0575	.0620	40.
60.	.0628	.0566	.0592	.0596	.0547	.0533	.0539	.0546	.0554	.0528	.0585	.0633	.0652	60.
90.	.0591	.0546	.0575	.0590	.0483	.0489	.0500	.0494	.0493	.0479	.0542	.0600	.0623	90.
120.	.0562	.0520	.0536	.0528	.0466	.0459	.0458	.0469	.0457	.0458	.0529	.0548	.0570	120.
140.	.0571	.0508	.0508	.0512	.0447	.0453	.0469	.0480	.0470	.0474	.0455	.0493	.0543	140.
150.	.0523	.0512	.0523	.0504	.0442	.0456	.0460	.0468	.0453	.0476	.0459	.0476	.0516	150.
160.	.0550	.0554	.0546	.0534	.0509	.0475	.0491	.0489	.0470	.0455	.0455	.0527	.0520	160.
170.	.0728	.0715	.0667	.0614	.0679	.0567	.0595	.0613	.0579	.0580	.0582	.0618	.0626	170.
180.	.2109	.2069	.2043	.2003	.2045	.1951	.1943	.1972	.1943	.1935	.1928	.1957	.1903	180.
190.	.1861	.1842	.1809	.1738	.1855	.1686	.1688	.1665	.1657	.1649	.1719	.1731	.1741	190.
200.	.1535	.1530	.1493	.1490	.1453	.1447	.1416	.1408	.1377	.1378	.1355	.1446	.1442	200.
210.	.1404	.1373	.1368	.1350	.1305	.1327	.1310	.1319	.1276	.1306	.1277	.1260	.1307	210.
220.	.1391	.1323	.1318	.1326	.1256	.1280	.1268	.1278	.1257	.1273	.1209	.1268	.1301	220.
240.	.1355	.1281	.1312	.1287	.1224	.1207	.1198	.1212	.1210	.1202	.1267	.1284	.1294	240.
270.	.1389	.1339	.1351	.1360	.1235	.1248	.1258	.1245	.1250	.1237	.1306	.1354	.1377	270.
300.	.1464	.1404	.1417	.1417	.1338	.1319	.1329	.1317	.1328	.1314	.1387	.1407	.1446	300.
320.	.1513	.1419	.1429	.1438	.1353	.1364	.1388	.1390	.1370	.1353	.1316	.1378	.1457	320.
330.	.1501	.1473	.1482	.1443	.1400	.1423	.1405	.1411	.1388	.1406	.1379	.1404	.1441	330.
340.	.1600	.1575	.1561	.1575	.1562	.1513	.1513	.1496	.1482	.1481	.1474	.1554	.1565	340.
350.	.1870	.1856	.1803	.1767	.1893	.1722	.1728	.1741	.1717	.1739	.1764	.1772	.1805	350.
						FOR ALPHA = 1.49 DEG								
0.	.1757	.1739	.1754	.1706	.1714	.1663	.1663	.1650	.1628	.1649	.1617	.1651	.1655	0.
10.	.0805	.0769	.0714	.0688	.0768	.0655	.0673	.0665	.0666	.0633	.0654	.0665	.0686	10.
20.	.0635	.0635	.0644	.0619	.0616	.0594	.0595	.0566	.0536	.0544	.0548	.0588	.0592	20.
30.	.0617	.0592	.0622	.0590	.0549	.0570	.0553	.0563	.0543	.0556	.0543	.0543	.0598	30.
40.	.0642	.0589	.0591	.0598	.0530	.0548	.0573	.0559	.0554	.0548	.0522	.0564	.0606	40.
60.	.0625	.0582	.0592	.0590	.0536	.0523	.0548	.0535	.0554	.0539	.0585	.0609	.0637	60.
90.	.0585	.0562	.0571	.0593	.0476	.0490	.0506	.0494	.0501	.0487	.0550	.0583	.0615	90.
120.	.0561	.0519	.0536	.0532	.0470	.0461	.0455	.0457	.0461	.0459	.0527	.0552	.0576	120.
140.	.0574	.0515	.0512	.0512	.0461	.0463	.0475	.0473	.0473	.0488	.0466	.0500	.0536	140.
150.	.0523	.0513	.0525	.0496	.0456	.0461	.0461	.0465	.0441	.0483	.0477	.0475	.0518	150.
160.	.0563	.0570	.0556	.0538	.0531	.0495	.0512	.0496	.0469	.0477	.0471	.0533	.0543	160.
170.	.0787	.0766	.0716	.0664	.0714	.0600	.0638	.0641	.0615	.0623	.0633	.0665	.0666	170.
180.	.2287	.2243	.2227	.2234	.2241	.2143	.2133	.2153	.2120	.2163	.2113	.2144	.2097	180.
190.	.1965	.1943	.1884	.1855	.1968	.1839	.1770	.1785	.1767	.1778	.1812	.1829	.1870	190.
200.	.1600	.1587	.1554	.1539	.1518	.1523	.1463	.1453	.1450	.1453	.1426	.1485	.1498	200.
210.	.1425	.1415	.1411	.1388	.1341	.1363	.1334	.1356	.1330	.1365	.1303	.1304	.1352	210.
220.	.1435	.1372	.1355	.1368	.1282	.1302	.1300	.1307	.1294	.1320	.1229	.1278	.1342	220.
240.	.1380	.1321	.1322	.1313	.1230	.1229	.1217	.1230	.1228	.1215	.1266	.1304	.1331	240.
270.	.1385	.1346	.1352	.1369	.1236	.1254	.1258	.1250	.1252	.1243	.1309	.1360	.1380	270.
300.	.1428	.1369	.1399	.1387	.1318	.1308	.1315	.1325	.1292	.1314	.1378	.1409	.1435	300.
320.	.1477	.1381	.1391	.1401	.1338	.1354	.1360	.1368	.1332	.1330	.1302	.1373	.1410	320.
330.	.1455	.1436	.1441	.1428	.1354	.1400	.1374	.1394	.1360	.1352	.1365	.1376	.1398	330.
340.	.1545	.1528	.1509	.1531	.1491	.1462	.1472	.1457	.1407	.1422	.1408	.1497	.1496	340.
350.	.1769	.1766	.1716	.1679	.1783	.1610	.1644	.1662	.1619	.1656	.1664	.1680	.1692	350.

TABLE III. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.50 DEG								
0.	.1619	.1576	.1591	.1562	.1554	.1571	.1584	.1564	.1600	.1619	.1592	.1552	.1552	.1592
10.			.0680	.0671	.0645	.0617	.0692	.0687	.0687	.0711	.0701	.0686	.0701	.0730
20.		.0698	.0544	.0567	.0560	.0543	.0588	.0617	.0636	.0642	.0606	.0594	.0651	.0671
30.				.0560	.0545	.0548	.0608	.0620	.0622	.0638	.0615	.0571	.0654	.0653
40.	.0746	.0686	.0531	.0533	.0553	.0654	.0610	.0620	.0614	.0617	.0626	.0589	.0635	.0694
60.			.0523	.0526	.0569	.0601	.0601	.0606	.0592	.0597	.0644	.0628	.0616	.0677
90.	.0716	.0645		.0496	.0535	.0565	.0586	.0585	.1973	.0639	.0561	.0608	.0615	.0593
120.			.0453	.0471	.0491	.0513	.0550	.0562	.0556	.0547	.0571	.0546	.0547	.0591
140.	.0681	.0586	.0436	.0480	.0467	.0555	.0534	.0558	.0565	.0561	.0555	.0520	.0560	.0583
150.				.0483	.0466	.0455	.0511	.0535	.0539	.0539	.0535	.0498	.0570	.0563
160.		.0678	.0556	.0513	.0479	.0467	.0523	.0538	.0557	.0525	.0520	.0514	.0556	.0572
170.			.0769	.0784	.0764	.0698	.0827	.0793	.0803	.0814	.0804	.0789	.0787	.0808
180.	.2502	.2457	.2534	.2483	.2429	.2461	.2504	.2508	.2516	.2499	.2474	.2464	.2454	.2464
190.			.1920	.1938	.1916	.1889	.2047	.2018	.1998	.2069	.2006	.2003	.2013	.2035
200.		.1689	.1600	.1523	.1524	.1530	.1616	.1630	.1653	.1610	.1590	.1620	.1680	.1723
210.				.1398	.1388	.1395	.1451	.1506	.1478	.1486	.1509	.1441	.1529	.1553
220.	.1569	.1448	.1277	.1335	.1336	.1407	.1402	.1425	.1444	.1435	.1454	.1392	.1448	.1480
240.			.1251	.1335	.1332	.1319	.1350	.1360	.1373	.1359	.1382	.1390	.1363	.1415
270.	.1527	.1416		.1298	.1363	.1332	.1374	.1381	.2144	.1414	.1353	.1412	.1434	.1393
300.			.1289	.1287	.1359	.1391	.1409	.1393	.1375	.1398	.1448	.1422	.1393	.1445
320.	.1541	.1479	.1302	.1341	.1329	.1410	.1408	.1417	.1438	.1415	.1442	.1386	.1413	.1462
330.				.1372	.1328	.1355	.1419	.1439	.1435	.1434	.1434	.1397	.1470	.1489
340.		.1519	.1356	.1420	.1408	.1374	.1471	.1510	.1499	.1472	.1466	.1470	.1518	.1536
350.			.1550	.1577	.1569	.1512	.1646	.1659	.1642	.1684	.1638	.1619	.1641	.1660
						FOR ALPHA = 3.50 DEG								
0.	.1462	.1417	.1437	.1381	.1393	.1396	.1427	.1428	.1454	.1456	.1420	.1410	.1410	.1457
10.			.0646	.0622	.0603	.0590	.0682	.0650	.0647	.0711	.0682	.0666	.0682	.0697
20.		.0705	.0555	.0548	.0548	.0544	.0591	.0599	.0622	.0631	.0597	.0587	.0627	.0654
30.				.0539	.0542	.0546	.0592	.0606	.0612	.0634	.0621	.0560	.0632	.0662
40.	.0734	.0693	.0527	.0538	.0549	.0655	.0610	.0607	.0614	.0616	.0623	.0567	.0610	.0679
60.			.0513	.0512	.0558	.0593	.0604	.0597	.0588	.0579	.0626	.0607	.0599	.0674
90.	.0702	.0627		.0482	.0536	.0552	.0585	.0585	.2013	.0629	.0556	.0595	.0610	.0596
120.			.0446	.0473	.0497	.0503	.0541	.0569	.0540	.0536	.0567	.0538	.0547	.0603
140.	.0674	.0562	.0416	.0471	.0462	.0544	.0533	.0549	.0543	.0558	.0539	.0510	.0549	.0583
150.				.0480	.0441	.0444	.0506	.0524	.0529	.0544	.0509	.0499	.0559	.0557
160.		.0664	.0568	.0511	.0470	.0475	.0512	.0546	.0551	.0529	.0514	.0518	.0550	.0590
170.			.0814	.0834	.0813	.0769	.0861	.0865	.0860	.0874	.0847	.0866	.0856	.0888
180.	.2691	.2659	.2738	.2687	.2654	.2668	.2720	.2677	.2740	.2714	.2669	.2668	.2649	.2679
190.			.2027	.2038	.1985	.1992	.2122	.2107	.2103	.2155	.2129	.2111	.2129	.2139
200.		.1724	.1669	.1563	.1545	.1567	.1654	.1681	.1708	.1677	.1663	.1674	.1713	.1736
210.				.1410	.1402	.1411	.1501	.1525	.1485	.1525	.1523	.1462	.1561	.1552
220.	.1592	.1467	.1315	.1361	.1348	.1415	.1418	.1453	.1450	.1452	.1473	.1417	.1468	.1502
240.			.1251	.1325	.1298	.1324	.1357	.1365	.1384	.1364	.1411	.1378	.1353	.1429
270.	.1526	.1417		.1293	.1332	.1344	.1378	.1386	.2181	.1422	.1344	.1407	.1407	.1390
300.			.1251	.1261	.1339	.1364	.1374	.1397	.1368	.1394	.1436	.1408	.1364	.1447
320.	.1510	.1457	.1251	.1301	.1308	.1393	.1376	.1400	.1387	.1407	.1425	.1370	.1384	.1453
330.				.1332	.1286	.1309	.1383	.1405	.1388	.1423	.1401	.1362	.1444	.1449
340.		.1460	.1324	.1356	.1326	.1326	.1428	.1464	.1442	.1442	.1447	.1409	.1458	.1496
350.			.1465	.1471	.1450	.1428	.1564	.1578	.1569	.1589	.1561	.1532	.1560	.1574
						FOR ALPHA = 5.50 DEG								
0.	.1210	.1170	.1163	.1108	.1090	.1108	.1180	.1165	.1192	.1157	.1161	.1141	.1130	.1174
10.			.0541	.0540	.0517	.0510	.0596	.0593	.0602	.0637	.0620	.0588	.0614	.0634
20.		.0648	.0502	.0492	.0501	.0504	.0555	.0598	.0615	.0605	.0585	.0556	.0606	.0619
30.				.0478	.0503	.0530	.0590	.0583	.0585	.0606	.0586	.0536	.0604	.0621
40.	.0687	.0645	.0475	.0489	.0502	.0657	.0597	.0588	.0593	.0597	.0600	.0546	.0589	.0651
60.			.0456	.0476	.0503	.0559	.0566	.0571	.0557	.0564	.0619	.0579	.0571	.0644
90.	.0659	.0587		.0442	.0508	.0512	.0546	.0559	.2092	.0604	.0530	.0578	.0600	.0572
120.			.0421	.0464	.0454	.0462	.0528	.0535	.0534	.0509	.0535	.0526	.0526	.0582
140.	.0648	.0532	.0353	.0439	.0425	.0500	.0492	.0529	.0520	.0519	.0510	.0488	.0533	.0589
150.				.0420	.0426	.0410	.0472	.0509	.0493	.0506	.0502	.0476	.0539	.0549
160.		.0709	.0589	.0505	.0474	.0465	.0522	.0544	.0567	.0564	.0535	.0519	.0578	.0599
170.			.0947	.0978	.0936	.0896	.1019	.1020	.1021	.1047	.1015	.1011	.1022	.1034
180.	.3120	.3061	.3158	.3106	.3084	.3108	.3130	.3148	.3178	.3140	.3098	.3122	.3093	.3124
190.			.2256	.2241	.2207	.2191	.2340	.2301	.2340	.2391	.2335	.2320	.2332	.2348
200.		.1836	.1758	.1666	.1648	.1640	.1738	.1782	.1798	.1756	.1763	.1754	.1833	.1848
210.				.1484	.1443	.1446	.1508	.1581	.1566	.1575	.1590	.1510	.1623	.1625
220.	.1607	.1477	.1322	.1393	.1363	.1426	.1441	.1510	.1498	.1471	.1493	.1454	.1488	.1513
240.			.1242	.1348	.1323	.1324	.1370	.1389	.1384	.1368	.1388	.1389	.1387	.1438
270.	.1507	.1385		.1306	.1323	.1316	.1357	.1367	.2277	.1395	.1331	.1391	.1403	.1373
300.			.1220	.1270	.1290	.1305	.1341	.1351	.1322	.1357	.1413	.1374	.1345	.1401
320.	.1452	.1411	.1215	.1199	.1281	.1327	.1320	.1326	.1344	.1356	.1378	.1299	.1355	.1392
330.				.1182	.1266	.1253	.1309	.1322	.1336	.1349	.1334	.1276	.1371	.1370
340.		.1430	.1259	.1258	.1261	.1250	.1328	.1350	.1377	.1347	.1311	.1292	.1359	.1386
350.			.1331	.1337	.1302	.1264	.1403	.1408	.1409	.1398	.1374	.1356	.1379	.1399

TABLE III. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.	.1618	.1589	.1589	.1558	.1557	.1479	.1490	.1496	.1486	.1468	.1449	.1495	.1482	0.
10.	.0774	.0722	.0687	.0656	.0731	.0614	.0620	.0637	.0628	.0596	.0590	.0624	.0642	10.
20.	.0631	.0610	.0617	.0615	.0607	.0590	.0576	.0563	.0544	.0511	.0515	.0573	.0566	20.
30.	.0593	.0590	.0597	.0582	.0544	.0556	.0553	.0556	.0538	.0534	.0523	.0539	.0591	30.
40.	.0642	.0575	.0583	.0589	.0536	.0540	.0560	.0560	.0554	.0541	.0505	.0559	.0620	40.
60.	.0622	.0572	.0588	.0573	.0519	.0524	.0525	.0532	.0519	.0525	.0585	.0600	.0640	60.
90.	.0582	.0546	.0569	.0577	.0477	.0487	.0497	.0484	.0490	.0487	.0543	.0585	.0616	90.
120.	.0567	.0508	.0529	.0506	.0476	.0468	.0454	.0458	.0470	.0468	.0529	.0560	.0583	120.
140.	.0578	.0522	.0511	.0510	.0461	.0474	.0473	.0481	.0471	.0490	.0471	.0514	.0533	140.
150.	.0525	.0520	.0526	.0506	.0467	.0474	.0465	.0472	.0445	.0483	.0467	.0478	.0499	150.
160.	.0558	.0577	.0561	.0556	.0547	.0514	.0518	.0519	.0463	.0504	.0476	.0538	.0521	160.
170.	.0846	.0830	.0773	.0734	.0784	.0642	.0640	.0674	.0636	.0676	.0695	.0713	.0720	170.
180.	.2505	.2459	.2431	.2411	.2407	.2347	.2332	.2328	.2321	.2348	.2325	.2344	.2298	180.
190.	.2056	.2028	.1972	.1949	.2058	.1906	.1863	.1899	.1850	.1857	.1908	.1917	.1975	190.
200.	.1656	.1634	.1603	.1595	.1585	.1526	.1549	.1514	.1475	.1506	.1471	.1528	.1553	200.
210.	.1434	.1437	.1441	.1411	.1361	.1374	.1365	.1390	.1358	.1385	.1326	.1350	.1374	210.
220.	.1441	.1381	.1382	.1392	.1299	.1307	.1316	.1335	.1329	.1292	.1276	.1313	.1351	220.
240.	.1392	.1317	.1325	.1337	.1228	.1232	.1224	.1233	.1229	.1205	.1275	.1313	.1348	240.
270.	.1386	.1331	.1356	.1356	.1227	.1255	.1263	.1247	.1244	.1237	.1299	.1351	.1389	270.
300.	.1423	.1376	.1386	.1382	.1290	.1293	.1288	.1295	.1279	.1289	.1362	.1398	.1407	300.
320.	.1435	.1362	.1369	.1376	.1309	.1331	.1327	.1319	.1318	.1301	.1275	.1349	.1385	320.
330.	.1405	.1396	.1391	.1381	.1321	.1351	.1333	.1365	.1318	.1340	.1307	.1328	.1349	330.
340.	.1488	.1464	.1455	.1460	.1450	.1405	.1424	.1409	.1367	.1379	.1372	.1443	.1459	340.
350.	.1673	.1658	.1612	.1594	.1687	.1548	.1546	.1560	.1519	.1539	.1561	.1584	.1597	350.
						FOR ALPHA = 3.50 DEG								
0.	.1468	.1418	.1420	.1411	.1406	.1343	.1339	.1352	.1320	.1329	.1318	.1362	.1339	0.
10.	.0747	.0695	.0640	.0630	.0711	.0591	.0561	.0588	.0577	.0564	.0572	.0594	.0612	10.
20.	.0613	.0610	.0593	.0611	.0587	.0560	.0551	.0547	.0537	.0551	.0519	.0568	.0592	20.
30.	.0594	.0589	.0598	.0579	.0541	.0554	.0536	.0557	.0537	.0551	.0512	.0539	.0586	30.
40.	.0628	.0571	.0572	.0581	.0524	.0541	.0545	.0558	.0539	.0537	.0509	.0568	.0630	40.
60.	.0634	.0569	.0579	.0584	.0520	.0520	.0523	.0529	.0543	.0536	.0590	.0618	.0642	60.
90.	.0580	.0536	.0557	.0570	.0466	.0481	.0490	.0482	.0494	.0488	.0546	.0584	.0607	90.
120.	.0553	.0512	.0524	.0506	.0461	.0472	.0458	.0462	.0463	.0461	.0513	.0538	.0579	120.
140.	.0567	.0521	.0508	.0521	.0459	.0467	.0486	.0466	.0463	.0486	.0459	.0509	.0538	140.
150.	.0502	.0519	.0534	.0519	.0460	.0480	.0465	.0465	.0451	.0472	.0471	.0465	.0493	150.
160.	.0556	.0573	.0577	.0553	.0548	.0525	.0523	.0524	.0491	.0493	.0495	.0536	.0524	160.
170.	.0899	.0918	.0838	.0784	.0851	.0685	.0699	.0709	.0677	.0717	.0727	.0742	.0777	170.
180.	.2717	.2664	.2653	.2616	.2614	.2551	.2543	.2522	.2529	.2536	.2510	.2553	.2487	180.
190.	.2146	.2131	.2079	.2027	.2171	.1994	.1975	.2011	.1961	.1984	.1986	.1985	.2026	190.
200.	.1698	.1683	.1642	.1638	.1630	.1596	.1586	.1558	.1535	.1536	.1514	.1584	.1582	200.
210.	.1489	.1484	.1475	.1444	.1384	.1397	.1391	.1398	.1387	.1406	.1359	.1380	.1411	210.
220.	.1467	.1406	.1384	.1376	.1310	.1315	.1324	.1355	.1345	.1330	.1277	.1314	.1371	220.
240.	.1380	.1309	.1331	.1315	.1265	.1259	.1238	.1244	.1237	.1204	.1276	.1303	.1355	240.
270.	.1383	.1333	.1348	.1361	.1243	.1248	.1251	.1231	.1246	.1224	.1299	.1353	.1387	270.
300.	.1401	.1357	.1377	.1365	.1289	.1280	.1279	.1287	.1285	.1281	.1360	.1363	.1407	300.
320.	.1433	.1320	.1337	.1360	.1291	.1297	.1320	.1303	.1296	.1276	.1250	.1310	.1376	320.
330.	.1379	.1364	.1368	.1353	.1305	.1323	.1313	.1312	.1297	.1311	.1285	.1286	.1330	330.
340.	.1435	.1415	.1426	.1420	.1405	.1345	.1366	.1343	.1336	.1329	.1322	.1400	.1394	340.
350.	.1599	.1589	.1542	.1494	.1625	.1462	.1453	.1462	.1447	.1480	.1475	.1487	.1521	350.
						FOR ALPHA = 5.50 DEG								
0.	.1192	.1150	.1150	.1112	.1118	.1063	.1059	.1051	.1024	.1042	.1045	.1076	.1055	0.
10.	.0699	.0637	.0571	.0552	.0631	.0507	.0502	.0525	.0501	.0498	.0494	.0530	.0525	10.
20.	.0584	.0561	.0561	.0561	.0553	.0539	.0514	.0505	.0501	.0484	.0469	.0519	.0528	20.
30.	.0563	.0551	.0568	.0552	.0522	.0536	.0511	.0528	.0507	.0495	.0476	.0501	.0539	30.
40.	.0613	.0542	.0556	.0548	.0504	.0506	.0517	.0519	.0517	.0511	.0467	.0521	.0579	40.
60.	.0597	.0541	.0552	.0544	.0487	.0483	.0495	.0506	.0518	.0515	.0557	.0584	.0598	60.
90.	.0555	.0513	.0537	.0556	.0454	.0459	.0475	.0458	.0465	.0457	.0511	.0550	.0575	90.
120.	.0552	.0494	.0510	.0503	.0456	.0455	.0446	.0431	.0435	.0427	.0489	.0517	.0546	120.
140.	.0562	.0510	.0506	.0507	.0438	.0459	.0454	.0464	.0442	.0457	.0458	.0488	.0506	140.
150.	.0488	.0493	.0518	.0496	.0435	.0453	.0465	.0464	.0425	.0471	.0458	.0466	.0501	150.
160.	.0561	.0595	.0572	.0583	.0556	.0531	.0554	.0532	.0493	.0523	.0515	.0552	.0548	160.
170.	.1021	.1047	.0992	.0940	.0982	.0831	.0819	.0848	.0839	.0853	.0861	.0891	.0916	170.
180.	.3150	.3117	.3098	.3058	.3050	.2975	.2976	.2990	.2963	.2961	.2970	.2989	.2929	180.
190.	.2343	.2342	.2309	.2240	.2355	.2184	.2200	.2210	.2141	.2186	.2169	.2223	.2247	190.
200.	.1795	.1799	.1766	.1727	.1725	.1643	.1708	.1699	.1641	.1657	.1605	.1687	.1703	200.
210.	.1521	.1504	.1517	.1483	.1424	.1452	.1473	.1472	.1422	.1447	.1415	.1415	.1452	210.
220.	.1493	.1409	.1423	.1428	.1348	.1353	.1370	.1381	.1369	.1329	.1322	.1373	.1403	220.
240.	.1393	.1300	.1331	.1341	.1263	.1256	.1243	.1235	.1226	.1209	.1306	.1331	.1361	240.
270.	.1366	.1310	.1343	.1345	.1213	.1228	.1244	.1233	.1231	.1220	.1293	.1329	.1369	270.
300.	.1367	.1310	.1349	.1334	.1248	.1245	.1233	.1245	.1243	.1257	.1327	.1347	.1371	300.
320.	.1343	.1260	.1288	.1302	.1219	.1242	.1244	.1234	.1238	.1239	.1190	.1261	.1310	320.
330.	.1308	.1299	.1290	.1273	.1216	.1245	.1227	.1241	.1225	.1243	.1198	.1234	.1257	330.
340.	.1326	.1315	.1304	.1298	.1293	.1253	.1266	.1250	.1226	.1236	.1208	.1291	.1276	340.
350.	.1434	.1402	.1345	.1307	.1440	.1282	.1284	.1305	.1266	.1290	.1299	.1336	.1334	350.

TABLE III. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 10.50 DEG							
0.	.0724	.0639	.0619	.0557	.0568	.0568	.0619	.0621	.0646	.0630	.0598	.0597	.0576	.0596
10.			.0413	.0421	.0423	.0392	.0489	.0503	.0506	.0510	.0472	.0450	.0464	.0490
20.		.0581	.0405	.0399	.0404	.0434	.0503	.0517	.0523	.0501	.0466	.0453	.0498	.0521
30.				.0384	.0402	.0442	.0503	.0492	.0512	.0515	.0479	.0438	.0513	.0530
40.	.0530	.0517	.0373	.0386	.0409	.0534	.0491	.0499	.0495	.0495	.0511	.0454	.0492	.0530
60.			.0363	.0359	.0411	.0403	.0453	.0463	.0463	.0476	.0533	.0503	.0497	.0534
90.	.0556	.0470		.0395	.0397	.0397	.0432	.0442	.2452	.0515	.0432	.0472	.0495	.0483
120.			.0322	.0378	.0348	.0371	.0430	.0445	.0446	.0447	.0458	.0445	.0454	.0523
140.	.0612	.0450	.0306	.0336	.0317	.0423	.0393	.0411	.0429	.0433	.0425	.0398	.0425	.0467
150.				.0368	.0336	.0353	.0412	.0429	.0406	.0448	.0425	.0424	.0501	.0505
160.		.0848	.0707	.0574	.0565	.0573	.0624	.0651	.0650	.0636	.0603	.0624	.0698	.0685
170.			.1377	.1415	.1404	.1400	.1496	.1503	.1520	.1581	.1518	.1563	.1550	.1580
180.	.4346	.4257	.4402	.4348	.4324	.4353	.4360	.4360	.4414	.4368	.4332	.4349	.4332	.4421
190.			.2778	.2794	.2789	.2754	.2930	.2914	.2917	.2994	.2973	.2964	.2969	.2969
200.		.2090	.2067	.1894	.1874	.1861	.1985	.2024	.2034	.2001	.1999	.1987	.2056	.2079
210.				.1565	.1566	.1548	.1635	.1675	.1657	.1674	.1678	.1637	.1727	.1728
220.	.1653	.1497	.1471	.1467	.1427	.1478	.1513	.1533	.1545	.1523	.1531	.1505	.1545	.1559
240.			.1332	.1309	.1294	.1306	.1378	.1362	.1388	.1364	.1385	.1354	.1360	.1414
270.	.1431	.1287		.1232	.1229	.1246	.1293	.1296	.2608	.1318	.1256	.1302	.1321	.1313
300.			.1107	.1170	.1142	.1152	.1201	.1228	.1237	.1238	.1293	.1279	.1233	.1291
320.	.1247	.1135	.1050	.1038	.1064	.1157	.1155	.1160	.1162	.1185	.1196	.1133	.1149	.1204
330.				.0996	.1046	.1052	.1112	.1112	.1121	.1145	.1113	.1049	.1136	.1142
340.		.1085	.0922	.0970	.0998	.0981	.1047	.1088	.1070	.1065	.1037	.1007	.1064	.1068
350.			.0883	.0910	.0903	.0870	.0982	.0985	.0971	.0969	.0943	.0923	.0937	.0957
							FOR ALPHA = 15.50 DEG							
0.	.0415	.0341	.0264	.0196	.0206	.0218	.0263	.0275	.0290	.0278	.0247	.0242	.0234	.0262
10.			.0267	.0263	.0279	.0286	.0356	.0349	.0342	.0346	.0316	.0303	.0312	.0331
20.		.0405	.0242	.0254	.0255	.0285	.0344	.0348	.0344	.0329	.0298	.0284	.0326	.0355
30.				.0241	.0245	.0250	.0303	.0319	.0329	.0322	.0305	.0254	.0323	.0350
40.	.0363	.0320	.0197	.0208	.0234	.0360	.0290	.0313	.0313	.0319	.0345	.0271	.0292	.0331
60.			.0187	.0229	.0223	.0216	.0244	.0280	.0273	.0288	.0336	.0352	.0324	.0342
90.	.0392	.0285		.0218	.0222	.0212	.0242	.0249	.2985	.0325	.0234	.0268	.0291	.0301
120.			.0207	.0202	.0197	.0206	.0254	.0261	.0279	.0268	.0313	.0293	.0319	.0392
140.	.0583	.0368	.0293	.0233	.0244	.0334	.0286	.0305	.0277	.0309	.0296	.0275	.0321	.0316
150.				.0406	.0387	.0361	.0434	.0465	.0425	.0457	.0502	.0449	.0517	.0546
160.		.1163	.0963	.0820	.0782	.0802	.0900	.0908	.0941	.0926	.0908	.0907	.0952	.0984
170.			.1930	.1976	.1974	.2001	.2162	.2130	.2121	.2203	.2187	.2173	.2212	.2243
180.	.5769	.5687	.5845	.5767	.5675	.5770	.5730	.5738	.5796	.5737	.5720	.5699	.5701	.5755
190.			.3418	.3477	.3452	.3470	.3644	.3607	.3628	.3694	.3665	.3612	.3611	.3668
200.		.2496	.2273	.2198	.2195	.2198	.2278	.2312	.2360	.2343	.2298	.2281	.2372	.2416
210.				.1678	.1707	.1694	.1778	.1818	.1741	.1822	.1839	.1787	.1900	.1875
220.	.1716	.1554	.1464	.1473	.1506	.1531	.1561	.1582	.1579	.1569	.1575	.1549	.1608	.1647
240.			.1364	.1279	.1277	.1302	.1364	.1370	.1372	.1347	.1370	.1390	.1375	.1456
270.	.1330	.1200		.1153	.1141	.1152	.1185	.1189	.3101	.1203	.1140	.1205	.1225	.1220
300.			.0928	.0995	.0993	.0991	.1027	.1081	.1065	.1090	.1148	.1124	.1091	.1140
320.	.1031	.0901	.0817	.0895	.0854	.0924	.0919	.0946	.0941	.0961	.0997	.0905	.0931	.0971
330.				.0776	.0791	.0789	.0833	.0824	.0849	.0873	.0846	.0771	.0853	.0878
340.		.0737	.0621	.0687	.0686	.0668	.0714	.0734	.0734	.0720	.0689	.0680	.0731	.0744
350.			.0509	.0508	.0523	.0474	.0548	.0550	.0519	.0516	.0507	.0509	.0522	.0540
							FOR ALPHA = 20.50 DEG							
0.	.0204	.0148	.0078	.0050	.0040	.0074	.0119	.0124	.0135	.0126	.0110	.0120	.0118	.0146
10.			.0053	.0068	.0100	.0117	.0178	.0169	.0172	.0178	.0173	.0165	.0182	.0195
20.		.0138	-.0012	.0027	.0039	.0032	.0101	.0117	.0136	.0136	.0121	.0112	.0139	.0153
30.				-.0023	-.0015	-.0021	.0036	.0041	.0084	.0092	.0090	.0030	.0093	.0114
40.	.0065	.0024	-.0078	-.0027	-.0051	.0086	-.0008	.0007	.0039	.0048	.0105	.0024	.0047	.0084
60.			-.0104	-.0049	-.0083	-.0078	-.0058	-.0035	-.0019	-.0026	.0046	.0045	.0034	.0068
90.	.0221	.0056		.0004	-.0013	-.0015	-.0005	.0005	.3613	.0082	-.0030	-.0003	.0013	.0031
120.			.0115	.0075	.0086	.0091	.0131	.0131	.0144	.0130	.0151	.0134	.0159	.0200
140.	.0609	.0406	.0354	.0313	.0315	.0402	.0351	.0389	.0360	.0360	.0333	.0349	.0363	.0382
150.				.0582	.0546	.0517	.0593	.0622	.0597	.0615	.0649	.0625	.0723	.0721
160.		.1452	.1287	.1173	.1117	.1144	.1194	.1252	.1287	.1263	.1232	.1242	.1283	.1338
170.			.2469	.2579	.2602	.2578	.2749	.2722	.2805	.2859	.2851	.2831	.2884	.2913
180.	.7138	.7100	.7097	.7241	.7125	.7173	.7181	.7221	.7269	.7232	.7127	.7204	.7219	.7238
190.			.4155	.4291	.4279	.4259	.4432	.4413	.4393	.4526	.4422	.4431	.4484	.4496
200.		.2907	.2688	.2578	.2576	.2614	.2731	.2730	.2746	.2759	.2709	.2703	.2781	.2821
210.				.1901	.1886	.1872	.2016	.2035	.1978	.2017	.2049	.2038	.2115	.2110
220.	.1837	.1679	.1592	.1573	.1588	.1669	.1698	.1716	.1699	.1702	.1693	.1653	.1696	.1735
240.			.1419	.1254	.1275	.1283	.1376	.1374	.1405	.1370	.1420	.1386	.1420	.1515
270.	.1245	.1073		.1021	.1021	.1038	.1087	.1095	.3791	.1121	.1059	.1081	.1121	.1112
300.			.0700	.0787	.0772	.0782	.0830	.0849	.0879	.0887	.0947	.0967	.0936	.0972
320.	.0766	.0599	.0571	.0613	.0564	.0662	.0654	.0669	.0685	.0692	.0715	.0640	.0669	.0702
330.				.0466	.0467	.0454	.0488	.0498	.0529	.0548	.0512	.0462	.0523	.0551
340.		.0335	.0253	.0270	.0311	.0264	.0300	.0329	.0340	.0347	.0310	.0313	.0348	.0359
350.			.0070	.0086	.0078	.0044	.0104	.0109	.0085	.0091	.0077	.0083	.0083	.0114

TABLE III. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.50 DEG								
0.	.0616	.0600	.0564	.0573	.0559	.0501	.0513	.0511	.0509	.0501	.0498	.0527	.0522	0.
10.	.0567	.0474	.0433	.0398	.0477	.0376	.0376	.0404	.0368	.0382	.0400	.0422	.0422	10.
20.	.0468	.0461	.0453	.0457	.0445	.0428	.0408	.0422	.0397	.0388	.0379	.0437	.0445	20.
30.	.0479	.0458	.0450	.0450	.0419	.0425	.0416	.0416	.0393	.0400	.0372	.0395	.0423	30.
40.	.0500	.0434	.0439	.0448	.0385	.0418	.0410	.0419	.0413	.0409	.0362	.0421	.0450	40.
60.	.0482	.0437	.0459	.0457	.0395	.0396	.0395	.0421	.0428	.0424	.0473	.0465	.0465	60.
90.	.0467	.0421	.0444	.0456	.0355	.0374	.0384	.0371	.0373	.0370	.0417	.0450	.0473	90.
120.	.0456	.0409	.0424	.0421	.0377	.0381	.0360	.0338	.0344	.0319	.0375	.0432	.0472	120.
140.	.0434	.0430	.0430	.0430	.0383	.0395	.0390	.0391	.0395	.0398	.0379	.0414	.0439	140.
150.	.0416	.0410	.0421	.0402	.0384	.0395	.0391	.0423	.0410	.0435	.0416	.0403	.0443	150.
160.	.0673	.0700	.0690	.0687	.0693	.0665	.0642	.0659	.0626	.0628	.0618	.0650	.0654	160.
170.	.1568	.1605	.1489	.1457	.1509	.1293	.1298	.1315	.1290	.1280	.1326	.1369	.1370	170.
180.	.4343	.4348	.4305	.4256	.4259	.4242	.4222	.4217	.4214	.4175	.4148	.4216	.4150	180.
190.	.2932	.2956	.2855	.2837	.2925	.2765	.2778	.2804	.2728	.2756	.2761	.2791	.2831	190.
200.	.2061	.2087	.2021	.2046	.2011	.1941	.1949	.1945	.1894	.1915	.1904	.1960	.1975	200.
210.	.1658	.1678	.1668	.1641	.1556	.1608	.1582	.1593	.1545	.1577	.1543	.1549	.1591	210.
220.	.1549	.1491	.1484	.1498	.1424	.1440	.1408	.1438	.1444	.1428	.1386	.1446	.1477	220.
240.	.1362	.1307	.1328	.1332	.1282	.1319	.1263	.1238	.1224	.1236	.1286	.1321	.1381	240.
270.	.1293	.1254	.1274	.1286	.1163	.1174	.1187	.1187	.1186	.1181	.1224	.1275	.1310	270.
300.	.1242	.1184	.1220	.1208	.1139	.1119	.1128	.1144	.1130	.1137	.1212	.1204	.1224	300.
320.	.1180	.1084	.1112	.1117	.1046	.1068	.1066	.1081	.1065	.1043	.1011	.1088	.1136	320.
330.	.1094	.1060	.1062	.1053	.1009	.1030	.1025	.1025	.1004	.0998	.0979	.0996	.1040	330.
340.	.1013	.1004	.1015	.1031	.1015	.0975	.0980	.0969	.0951	.0938	.0903	.0976	.0989	340.
350.	.1008	.0968	.0920	.0885	.0995	.0857	.0878	.0865	.0850	.0875	.0873	.0902	.0900	350.
						FOR ALPHA = 15.50 DEG								
0.	.0273	.0241	.0243	.0234	.0216	.0167	.0187	.0187	.0182	.0175	.0171	.0186	.0165	0.
10.	.0442	.0326	.0306	.0279	.0356	.0261	.0258	.0272	.0246	.0253	.0257	.0281	.0307	10.
20.	.0298	.0296	.0311	.0309	.0298	.0265	.0272	.0263	.0235	.0223	.0214	.0276	.0293	20.
30.	.0288	.0280	.0275	.0264	.0249	.0241	.0238	.0244	.0224	.0222	.0199	.0226	.0254	30.
40.	.0301	.0248	.0264	.0268	.0207	.0223	.0228	.0227	.0222	.0196	.0175	.0247	.0269	40.
60.	.0308	.0267	.0279	.0282	.0207	.0212	.0200	.0215	.0224	.0206	.0261	.0266	.0269	60.
90.	.0303	.0255	.0283	.0287	.0198	.0212	.0208	.0212	.0195	.0184	.0236	.0259	.0281	90.
120.	.0367	.0292	.0273	.0288	.0247	.0238	.0211	.0190	.0192	.0163	.0215	.0230	.0295	120.
140.	.0313	.0283	.0267	.0290	.0254	.0264	.0248	.0261	.0252	.0271	.0258	.0297	.0347	140.
150.	.0466	.0431	.0439	.0425	.0385	.0408	.0410	.0390	.0386	.0411	.0387	.0424	.0432	150.
160.	.0968	.1004	.0976	.0986	.0972	.0925	.0944	.0956	.0918	.0949	.0905	.0912	.0919	160.
170.	.2217	.2260	.2165	.2052	.2108	.1906	.1897	.1952	.1885	.1923	.1938	.1933	.1964	170.
180.	.5747	.5697	.5662	.5596	.5624	.5672	.5662	.5665	.5633	.5583	.5556	.5654	.5574	180.
190.	.3589	.3660	.3545	.3516	.3610	.3446	.3449	.3488	.3458	.3418	.3447	.3491	.3535	190.
200.	.2376	.2390	.2403	.2398	.2348	.2272	.2310	.2268	.2240	.2236	.2212	.2302	.2305	200.
210.	.1774	.1750	.1761	.1791	.1676	.1738	.1755	.1763	.1723	.1759	.1727	.1733	.1798	210.
220.	.1617	.1544	.1566	.1601	.1525	.1519	.1533	.1542	.1507	.1498	.1515	.1539	.1607	220.
240.	.1402	.1309	.1347	.1335	.1280	.1264	.1239	.1231	.1185	.1182	.1265	.1304	.1373	240.
270.	.1225	.1171	.1197	.1213	.1087	.1085	.1091	.1096	.1100	.1096	.1158	.1179	.1197	270.
300.	.1099	.1024	.1058	.1059	.0972	.0962	.0959	.0989	.0982	.0984	.1060	.1039	.1045	300.
320.	.0949	.0860	.0875	.0891	.0826	.0837	.0829	.0830	.0836	.0817	.0777	.0856	.0899	320.
330.	.0827	.0801	.0788	.0773	.0724	.0734	.0753	.0754	.0744	.0749	.0726	.0746	.0779	330.
340.	.0684	.0675	.0683	.0692	.0700	.0650	.0651	.0642	.0627	.0631	.0589	.0651	.0665	340.
350.	.0599	.0530	.0504	.0471	.0572	.0438	.0458	.0445	.0418	.0447	.0462	.0483	.0499	350.
						FOR ALPHA = 20.50 DEG								
0.	.0151	.0141	.0132	.0118	.0115	.0060	.0071	.0079	.0074	.0077	.0070	.0092	.0081	0.
10.	.0302	.0184	.0151	.0128	.0186	.0115	.0123	.0134	.0116	.0123	.0132	.0135	.0155	10.
20.	.0102	.0099	.0101	.0104	.0086	.0088	.0091	.0087	.0068	.0059	.0034	.0086	.0097	20.
30.	.0071	.0053	.0049	.0020	.0003	.0016	.0012	.0031	.0010	.0023	-.0017	.0003	.0031	30.
40.	.0075	.0037	.0023	.0017	-.0029	-.0014	-.0014	.0007	-.0011	-.0013	-.0056	-.0001	.0020	40.
60.	.0060	.0021	.0040	.0015	-.0030	-.0035	-.0015	-.0005	.0016	.0004	.0038	.0040	.0032	60.
90.	.0022	-.0016	.0006	.0008	-.0070	-.0058	-.0055	-.0048	-.0039	-.0045	.0005	.0039	.0051	90.
120.	.0200	.0156	.0168	.0157	.0125	.0099	.0089	.0061	.0087	.0024	.0109	.0149	.0193	120.
140.	.0363	.0341	.0346	.0359	.0301	.0297	.0296	.0283	.0287	.0314	.0324	.0379	.0429	140.
150.	.0654	.0628	.0642	.0607	.0567	.0550	.0568	.0585	.0576	.0589	.0606	.0637	.0662	150.
160.	.1310	.1352	.1349	.1300	.1282	.1228	.1266	.1268	.1208	.1259	.1230	.1293	.1279	160.
170.	.2906	.2910	.2792	.2740	.2798	.2531	.2530	.2559	.2490	.2482	.2536	.2569	.2604	170.
180.	.7215	.7160	.7171	.7111	.7100	.7214	.7196	.7212	.7203	.7116	.7083	.7157	.7082	180.
190.	.4447	.4438	.4341	.4287	.4414	.4256	.4246	.4257	.4253	.4213	.4219	.4257	.4279	190.
200.	.2771	.2833	.2828	.2822	.2783	.2729	.2734	.2735	.2652	.2685	.2666	.2700	.2690	200.
210.	.1978	.1951	.2014	.1973	.1888	.1925	.1952	.1967	.1941	.1963	.1940	.1944	.2013	210.
220.	.1688	.1648	.1664	.1685	.1628	.1630	.1639	.1660	.1619	.1648	.1615	.1687	.1759	220.
240.	.1458	.1384	.1376	.1375	.1308	.1304	.1302	.1250	.1220	.1187	.1265	.1310	.1378	240.
270.	.1104	.1052	.1090	.1115	.0974	.0999	.0996	.0991	.1007	.0995	.1054	.1099	.1109	270.
300.	.0915	.0865	.0888	.0888	.0800	.0801	.0790	.0808	.0817	.0825	.0886	.0892	.0873	300.
320.	.0662	.0621	.0616	.0623	.0570	.0581	.0563	.0585	.0569	.0530	.0516	.0594	.0632	320.
330.	.0503	.0488	.0463	.0449	.0416	.0420	.0404	.0440	.0421	.0418	.0409	.0446	.0483	330.
340.	.0294	.0286	.0273	.0302	.0303	.0263	.0281	.0272	.0262	.0256	.0244	.0292	.0324	340.
350.	.0202	.0126	.0069	.0048	.0146	.0032	.0048	.0025	.0021	.0050	.0069	.0084	.0121	350.

TABLE III. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.50 DEG								
0.	.2808	.2757	.2787	.2745	.2723	.2734	.2832	.2802	.2837	.2816	.2776	.2805	.2769	.2789
10.			.0554	.0587	.0558	.0504	.0626	.0604	.0610	.0650	.0584	.0591	.0600	.0629
20.		.0458	.0296	.0258	.0199	.0212	.0257	.0262	.0290	.0280	.0241	.0249	.0313	.0342
30.				.0236	.0203	.0223	.0286	.0295	.0312	.0338	.0331	.0305	.0370	.0379
40.	.0487	.0388	.0214	.0266	.0262	.0379	.0335	.0353	.0356	.0387	.0381	.0341	.0376	.0397
60.			.0281	.0316	.0319	.0318	.0372	.0393	.0380	.0395	.0434	.0383	.0385	.0431
90.	.0481	.0415		.0300	.0306	.0325	.0360	.0372	.1784	.0436	.0350	.0380	.0379	.0368
120.			.0269	.0282	.0267	.0329	.0354	.0345	.0326	.0321	.0350	.0331	.0311	.0382
140.	.0478	.0414	.0283	.0284	.0271	.0396	.0352	.0356	.0343	.0340	.0339	.0298	.0332	.0388
150.				.0267	.0266	.0275	.0328	.0346	.0329	.0339	.0314	.0284	.0353	.0365
160.		.0413	.0253	.0237	.0221	.0222	.0271	.0298	.0305	.0298	.0272	.0267	.0303	.0329
170.			.0234	.0206	.0158	.0135	.0182	.0182	.0174	.0213	.0197	.0175	.0193	.0217
180.	.1250	.1135	.1166	.1078	.1081	.1098	.1120	.1099	.1104	.1090	.1048	.1028	.1003	.1036
190.			.1607	.1601	.1594	.1525	.1671	.1678	.1666	.1667	.1623	.1607	.1636	.1626
200.		.1693	.1537	.1549	.1526	.1503	.1592	.1622	.1623	.1582	.1561	.1535	.1595	.1611
210.				.1516	.1488	.1498	.1554	.1584	.1597	.1581	.1579	.1521	.1601	.1604
220.	.1781	.1670	.1435	.1503	.1507	.1564	.1585	.1604	.1591	.1583	.1598	.1538	.1585	.1615
240.			.1471	.1506	.1526	.1549	.1585	.1600	.1554	.1564	.1626	.1615	.1591	.1636
270.	.1858	.1735		.1620	.1646	.1653	.1693	.1699	.2157	.1717	.1666	.1731	.1732	.1696
300.			.1668	.1752	.1732	.1782	.1816	.1808	.1823	.1797	.1864	.1801	.1810	.1871
320.	.2017	.1917	.1815	.1812	.1808	.1870	.1899	.1915	.1948	.1938	.1964	.1898	.1922	.1986
330.				.1899	.1884	.1871	.2007	.2017	.2035	.2048	.2036	.1979	.2073	.2096
340.		.2221	.2187	.2071	.2084	.2071	.2212	.2254	.2256	.2257	.2235	.2233	.2300	.2300
350.			.2570	.2556	.2576	.2550	.2702	.2736	.2720	.2812	.2772	.2721	.2738	.2745
						FOR ALPHA = -2.49 DEG								
0.	.2363	.2306	.2357	.2307	.2292	.2321	.2375	.2365	.2382	.2381	.2359	.2350	.2315	.2372
10.			.0505	.0496	.0440	.0399	.0468	.0491	.0487	.0503	.0457	.0464	.0498	.0505
20.		.0425	.0342	.0287	.0260	.0238	.0270	.0302	.0297	.0301	.0250	.0292	.0350	.0373
30.				.0296	.0271	.0268	.0333	.0358	.0345	.0355	.0337	.0326	.0402	.0408
40.	.0515	.0429	.0278	.0320	.0293	.0411	.0373	.0400	.0413	.0404	.0388	.0358	.0379	.0422
60.			.0320	.0330	.0343	.0362	.0411	.0429	.0410	.0405	.0437	.0401	.0385	.0438
90.	.0505	.0442		.0312	.0327	.0345	.0397	.0398	.1718	.0451	.0360	.0395	.0409	.0387
120.			.0277	.0293	.0283	.0338	.0367	.0362	.0341	.0340	.0366	.0339	.0324	.0379
140.	.0483	.0421	.0268	.0275	.0267	.0389	.0342	.0354	.0357	.0348	.0350	.0303	.0320	.0374
150.				.0264	.0243	.0268	.0314	.0335	.0327	.0333	.0320	.0274	.0336	.0355
160.		.0409	.0258	.0225	.0196	.0196	.0246	.0276	.0276	.0283	.0263	.0245	.0279	.0311
170.			.0283	.0223	.0173	.0138	.0210	.0195	.0186	.0224	.0185	.0169	.0170	.0234
180.	.1518	.1446	.1495	.1401	.1387	.1397	.1443	.1423	.1452	.1400	.1378	.1350	.1339	.1377
190.			.1772	.1787	.1775	.1716	.1840	.1856	.1847	.1871	.1848	.1814	.1853	.1863
200.		.1761	.1645	.1634	.1628	.1608	.1688	.1722	.1726	.1721	.1692	.1678	.1728	.1763
210.				.1575	.1552	.1566	.1625	.1653	.1644	.1658	.1646	.1576	.1680	.1708
220.	.1783	.1721	.1508	.1554	.1546	.1621	.1615	.1621	.1645	.1639	.1653	.1597	.1632	.1713
240.			.1489	.1503	.1598	.1581	.1601	.1608	.1595	.1595	.1650	.1639	.1609	.1668
270.	.1860	.1741		.1584	.1671	.1667	.1698	.1704	.2115	.1726	.1673	.1733	.1750	.1710
300.			.1632	.1710	.1712	.1754	.1770	.1816	.1806	.1808	.1853	.1810	.1786	.1855
320.	.1954	.1866	.1693	.1736	.1757	.1820	.1852	.1876	.1888	.1901	.1924	.1855	.1884	.1956
330.				.1833	.1806	.1824	.1926	.1952	.1947	.1971	.1965	.1890	.1994	.1997
340.		.2098	.2067	.1968	.1951	.1956	.2099	.2131	.2141	.2142	.2090	.2091	.2142	.2177
350.			.2325	.2339	.2325	.2314	.2475	.2476	.2480	.2537	.2492	.2456	.2476	.2502
						FOR ALPHA = -1.51 DEG								
0.	.2188	.2126	.2153	.2106	.2087	.2124	.2167	.2155	.2180	.2154	.2113	.2135	.2115	.2172
10.			.0450	.0434	.0397	.0378	.0454	.0419	.0407	.0428	.0419	.0409	.0435	.0460
20.		.0469	.0325	.0275	.0250	.0250	.0294	.0304	.0311	.0331	.0319	.0315	.0382	.0389
30.				.0295	.0290	.0280	.0357	.0367	.0369	.0393	.0391	.0334	.0403	.0400
40.	.0511	.0454	.0288	.0326	.0312	.0434	.0381	.0409	.0409	.0405	.0410	.0364	.0389	.0440
60.			.0319	.0357	.0349	.0377	.0413	.0424	.0407	.0395	.0441	.0405	.0395	.0463
90.	.0513	.0452		.0321	.0333	.0364	.0404	.0407	.1712	.0460	.0365	.0401	.0408	.0391
120.			.0274	.0294	.0292	.0335	.0373	.0370	.0355	.0340	.0382	.0350	.0333	.0387
140.	.0487	.0418	.0257	.0282	.0270	.0389	.0341	.0360	.0357	.0353	.0356	.0308	.0336	.0383
150.				.0256	.0242	.0244	.0318	.0330	.0326	.0333	.0320	.0271	.0344	.0345
160.		.0401	.0263	.0229	.0189	.0181	.0242	.0261	.0279	.0284	.0252	.0240	.0285	.0304
170.			.0293	.0249	.0199	.0155	.0228	.0210	.0214	.0232	.0210	.0196	.0197	.0234
180.	.1670	.1590	.1670	.1589	.1568	.1598	.1596	.1592	.1614	.1583	.1559	.1560	.1529	.1547
190.			.1883	.1870	.1893	.1853	.1967	.1944	.1963	.2025	.1958	.1925	.1988	.1976
200.		.1826	.1727	.1699	.1699	.1670	.1761	.1775	.1765	.1816	.1736	.1750	.1804	.1847
210.				.1621	.1601	.1624	.1685	.1676	.1698	.1725	.1707	.1628	.1749	.1793
220.	.1810	.1739	.1543	.1631	.1576	.1647	.1640	.1650	.1684	.1678	.1700	.1632	.1664	.1779
240.			.1508	.1536	.1639	.1613	.1619	.1619	.1628	.1643	.1695	.1639	.1647	.1722
270.	.1887	.1787		.1605	.1719	.1679	.1719	.1730	.2082	.1738	.1683	.1740	.1752	.1721
300.			.1659	.1740	.1728	.1748	.1779	.1769	.1785	.1788	.1862	.1798	.1782	.1843
320.	.1949	.1861	.1700	.1764	.1737	.1813	.1849	.1857	.1865	.1866	.1886	.1815	.1851	.1924
330.				.1795	.1792	.1803	.1922	.1928	.1922	.1929	.1911	.1856	.1956	.1966
340.		.2057	.2035	.1946	.1930	.1925	.2036	.2072	.2074	.2068	.2036	.2033	.2075	.2103
350.			.2262	.2266	.2264	.2224	.2369	.2383	.2384	.2421	.2386	.2338	.2366	.2363

TABLE III. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.50 DEG								
0.	.2800	.2755	.2779	.2725	.2711	.2689	.2691	.2676	.2681	.2697	.2658	.2719	.2675	0.
10.	.0693	.0662	.0589	.0534	.0603	.0499	.0452	.0483	.0443	.0439	.0468	.0524	.0526	10.
20.	.0310	.0340	.0341	.0307	.0333	.0329	.0298	.0302	.0258	.0256	.0260	.0301	.0309	20.
30.	.0291	.0281	.0304	.0283	.0265	.0289	.0276	.0271	.0274	.0280	.0249	.0272	.0305	30.
40.	.0348	.0322	.0317	.0321	.0269	.0288	.0305	.0298	.0318	.0309	.0261	.0302	.0334	40.
60.	.0375	.0324	.0342	.0350	.0299	.0308	.0306	.0306	.0313	.0295	.0336	.0338	.0383	60.
90.	.0355	.0315	.0339	.0360	.0262	.0273	.0280	.0271	.0256	.0252	.0305	.0334	.0360	90.
120.	.0340	.0298	.0313	.0309	.0257	.0250	.0249	.0252	.0251	.0234	.0282	.0295	.0327	120.
140.	.0347	.0296	.0288	.0302	.0254	.0259	.0262	.0260	.0246	.0227	.0200	.0237	.0302	140.
150.	.0298	.0276	.0286	.0279	.0252	.0250	.0244	.0243	.0220	.0215	.0191	.0201	.0254	150.
160.	.0277	.0256	.0251	.0249	.0235	.0218	.0218	.0192	.0180	.0171	.0169	.0212	.0207	160.
170.	.0277	.0202	.0170	.0126	.0192	.0100	.0088	.0096	.0094	.0082	.0096	.0101	.0106	170.
180.	.1056	.1002	.0990	.0965	.0963	.0893	.0902	.0924	.0908	.0889	.0905	.0933	.0930	180.
190.	.1647	.1643	.1563	.1531	.1660	.1508	.1519	.1517	.1463	.1489	.1513	.1537	.1549	190.
200.	.1558	.1550	.1540	.1516	.1507	.1456	.1483	.1477	.1430	.1450	.1441	.1516	.1499	200.
210.	.1539	.1521	.1524	.1492	.1433	.1479	.1469	.1455	.1420	.1442	.1425	.1446	.1454	210.
220.	.1584	.1483	.1502	.1503	.1440	.1465	.1472	.1443	.1438	.1425	.1404	.1490	.1517	220.
240.	.1616	.1546	.1554	.1543	.1468	.1462	.1463	.1465	.1446	.1487	.1567	.1542	.1548	240.
270.	.1696	.1651	.1670	.1673	.1537	.1552	.1566	.1537	.1556	.1552	.1628	.1658	.1681	270.
300.	.1834	.1778	.1780	.1792	.1716	.1713	.1686	.1680	.1664	.1661	.1736	.1788	.1823	300.
320.	.1952	.1866	.1882	.1884	.1815	.1819	.1830	.1844	.1807	.1818	.1752	.1844	.1881	320.
330.	.2002	.1998	.2000	.1970	.1893	.1928	.1898	.1930	.1873	.1921	.1892	.1893	.1947	330.
340.	.2282	.2264	.2227	.2219	.2188	.2168	.2147	.2160	.2097	.2098	.2114	.2183	.2215	340.
350.	.2756	.2746	.2664	.2648	.2764	.2601	.2601	.2602	.2574	.2614	.2647	.2656	.2686	350.
						FOR ALPHA = -2.49 DEG								
0.	.2377	.2319	.2340	.2290	.2314	.2242	.2241	.2241	.2228	.2231	.2186	.2258	.2232	0.
10.	.0559	.0510	.0472	.0453	.0495	.0375	.0369	.0357	.0355	.0322	.0379	.0398	.0408	10.
20.	.0351	.0373	.0367	.0337	.0335	.0317	.0309	.0292	.0256	.0233	.0261	.0312	.0315	20.
30.	.0318	.0322	.0345	.0317	.0290	.0309	.0307	.0331	.0301	.0296	.0285	.0285	.0329	30.
40.	.0363	.0352	.0343	.0351	.0311	.0335	.0346	.0337	.0338	.0325	.0292	.0322	.0359	40.
60.	.0380	.0356	.0375	.0375	.0316	.0337	.0344	.0336	.0334	.0315	.0369	.0391	.0414	60.
90.	.0371	.0334	.0341	.0370	.0271	.0297	.0304	.0294	.0293	.0282	.0330	.0357	.0382	90.
120.	.0345	.0305	.0323	.0331	.0272	.0266	.0250	.0265	.0275	.0258	.0296	.0317	.0348	120.
140.	.0348	.0301	.0298	.0305	.0260	.0269	.0272	.0267	.0257	.0241	.0211	.0248	.0296	140.
150.	.0291	.0281	.0280	.0271	.0253	.0258	.0246	.0251	.0225	.0230	.0199	.0194	.0241	150.
160.	.0282	.0276	.0248	.0234	.0237	.0216	.0211	.0191	.0170	.0167	.0154	.0193	.0204	160.
170.	.0306	.0238	.0176	.0155	.0220	.0126	.0116	.0094	.0099	.0112	.0110	.0126	.0123	170.
180.	.1395	.1345	.1326	.1302	.1296	.1228	.1251	.1224	.1208	.1222	.1233	.1241	.1255	180.
190.	.1866	.1827	.1758	.1739	.1886	.1688	.1705	.1725	.1692	.1723	.1743	.1746	.1743	190.
200.	.1684	.1667	.1661	.1672	.1649	.1588	.1600	.1572	.1548	.1564	.1537	.1624	.1624	200.
210.	.1636	.1604	.1615	.1596	.1527	.1546	.1526	.1552	.1524	.1536	.1497	.1504	.1549	210.
220.	.1666	.1572	.1570	.1599	.1501	.1527	.1536	.1534	.1515	.1503	.1465	.1519	.1552	220.
240.	.1638	.1550	.1592	.1607	.1524	.1503	.1512	.1515	.1511	.1507	.1566	.1579	.1589	240.
270.	.1715	.1661	.1679	.1714	.1556	.1579	.1571	.1561	.1566	.1540	.1638	.1671	.1704	270.
300.	.1818	.1749	.1775	.1764	.1686	.1689	.1665	.1687	.1650	.1647	.1729	.1761	.1813	300.
320.	.1897	.1822	.1824	.1840	.1768	.1761	.1801	.1792	.1778	.1756	.1718	.1784	.1843	320.
330.	.1920	.1927	.1922	.1914	.1823	.1849	.1834	.1844	.1816	.1858	.1818	.1827	.1884	330.
340.	.2140	.2107	.2115	.2104	.2096	.2023	.2031	.2006	.1989	.1988	.1950	.2056	.2071	340.
350.	.2502	.2491	.2442	.2393	.2537	.2365	.2364	.2382	.2355	.2362	.2376	.2400	.2460	350.
						FOR ALPHA = -1.51 DEG								
0.	.2149	.2102	.2124	.2075	.2079	.2015	.2028	.2028	.2017	.2011	.2011	.2052	.2032	0.
10.	.0519	.0462	.0421	.0395	.0440	.0341	.0336	.0337	.0347	.0354	.0360	.0396	.0380	10.
20.	.0360	.0368	.0351	.0340	.0317	.0317	.0297	.0294	.0286	.0290	.0268	.0308	.0306	20.
30.	.0342	.0321	.0345	.0326	.0300	.0308	.0309	.0326	.0305	.0329	.0308	.0312	.0356	30.
40.	.0402	.0358	.0362	.0357	.0317	.0334	.0338	.0347	.0334	.0350	.0313	.0357	.0401	40.
60.	.0421	.0357	.0373	.0372	.0334	.0332	.0342	.0338	.0353	.0340	.0381	.0405	.0422	60.
90.	.0386	.0345	.0356	.0381	.0287	.0301	.0320	.0302	.0306	.0296	.0335	.0372	.0384	90.
120.	.0352	.0303	.0326	.0329	.0287	.0279	.0268	.0269	.0281	.0261	.0307	.0317	.0349	120.
140.	.0340	.0293	.0299	.0309	.0269	.0280	.0271	.0275	.0256	.0251	.0213	.0250	.0293	140.
150.	.0292	.0280	.0289	.0274	.0255	.0258	.0252	.0250	.0228	.0232	.0199	.0202	.0243	150.
160.	.0282	.0283	.0253	.0239	.0218	.0226	.0213	.0199	.0169	.0167	.0142	.0188	.0188	160.
170.	.0313	.0264	.0210	.0166	.0230	.0155	.0141	.0137	.0138	.0122	.0112	.0139	.0139	170.
180.	.1539	.1511	.1510	.1464	.1466	.1406	.1430	.1412	.1379	.1387	.1365	.1420	.1425	180.
190.	.1969	.1932	.1879	.1877	.1988	.1814	.1800	.1808	.1840	.1799	.1832	.1836	.1867	190.
200.	.1761	.1730	.1722	.1746	.1724	.1666	.1652	.1657	.1640	.1637	.1586	.1693	.1726	200.
210.	.1679	.1668	.1685	.1634	.1570	.1576	.1565	.1613	.1573	.1582	.1527	.1532	.1611	210.
220.	.1680	.1608	.1621	.1644	.1548	.1551	.1567	.1581	.1564	.1540	.1478	.1564	.1611	220.
240.	.1668	.1574	.1630	.1665	.1549	.1545	.1557	.1528	.1517	.1495	.1568	.1600	.1613	240.
270.	.1726	.1663	.1684	.1728	.1559	.1595	.1591	.1576	.1577	.1547	.1623	.1683	.1724	270.
300.	.1809	.1754	.1776	.1763	.1689	.1682	.1671	.1655	.1653	.1662	.1739	.1757	.1802	300.
320.	.1893	.1816	.1812	.1823	.1743	.1762	.1754	.1769	.1735	.1762	.1706	.1780	.1827	320.
330.	.1901	.1896	.1907	.1864	.1799	.1830	.1810	.1819	.1791	.1817	.1777	.1790	.1850	330.
340.	.2066	.2066	.2027	.2049	.2009	.1986	.1982	.1960	.1931	.1928	.1913	.2005	.2017	340.
350.	.2396	.2386	.2335	.2292	.2428	.2245	.2248	.2254	.2248	.2266	.2291	.2320	.2346	350.

TABLE III. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -.49 DEG								
0.	.1994	.1949	.1959	.1918	.1916	.1924	.1980	.1964	.1962	.1960	.1938	.1924	.1920	.1955
10.			.0402	.0406	.0353	.0307	.0388	.0379	.0380	.0405	.0396	.0385	.0384	.0425
20.		.0455	.0340	.0288	.0247	.0254	.0290	.0309	.0339	.0314	.0343	.0332	.0374	.0414
30.				.0310	.0302	.0297	.0355	.0384	.0379	.0393	.0395	.0352	.0420	.0417
40.	.0512	.0451	.0294	.0321	.0331	.0451	.0383	.0417	.0412	.0421	.0416	.0371	.0407	.0422
60.			.0325	.0340	.0371	.0382	.0411	.0438	.0413	.0403	.0435	.0413	.0395	.0449
90.	.0507	.0436		.0321	.0339	.0382	.0417	.0405	.1678	.0461	.0366	.0404	.0413	.0399
120.			.0264	.0278	.0295	.0331	.0364	.0375	.0368	.0358	.0376	.0358	.0340	.0390
140.	.0468	.0394	.0234	.0263	.0266	.0364	.0336	.0356	.0367	.0360	.0350	.0310	.0337	.0381
150.				.0237	.0237	.0240	.0294	.0326	.0322	.0327	.0311	.0272	.0341	.0345
160.		.0374	.0240	.0210	.0181	.0174	.0214	.0242	.0263	.0266	.0240	.0230	.0283	.0307
170.			.0288	.0263	.0217	.0171	.0239	.0238	.0234	.0257	.0246	.0201	.0221	.0264
180.	.1829	.1741	.1841	.1765	.1733	.1782	.1777	.1757	.1809	.1784	.1750	.1739	.1711	.1745
190.			.1968	.1968	.1959	.1941	.2052	.2084	.2078	.2081	.2060	.2023	.2062	.2071
200.		.1832	.1713	.1739	.1715	.1709	.1801	.1839	.1878	.1825	.1789	.1794	.1850	.1899
210.				.1653	.1620	.1645	.1726	.1733	.1711	.1760	.1717	.1690	.1810	.1789
220.	.1812	.1708	.1561	.1616	.1581	.1689	.1683	.1694	.1688	.1697	.1703	.1653	.1743	.1764
240.			.1542	.1536	.1607	.1618	.1661	.1658	.1638	.1661	.1696	.1662	.1632	.1738
270.	.1869	.1770		.1571	.1682	.1674	.1710	.1717	.2093	.1742	.1690	.1747	.1749	.1714
300.			.1638	.1689	.1699	.1729	.1784	.1782	.1760	.1764	.1830	.1797	.1762	.1841
320.	.1904	.1815	.1672	.1723	.1718	.1775	.1832	.1834	.1847	.1835	.1837	.1793	.1820	.1895
330.				.1780	.1739	.1756	.1869	.1896	.1886	.1901	.1866	.1805	.1902	.1909
340.		.1977	.1904	.1883	.1870	.1858	.1966	.2029	.2017	.2000	.1969	.1967	.2005	.2028
350.			.2131	.2138	.2146	.2109	.2259	.2259	.2259	.2292	.2264	.2212	.2246	.2271
						FOR ALPHA = .50 DEG								
0.	.1810	.1753	.1785	.1715	.1739	.1730	.1775	.1742	.1791	.1787	.1755	.1761	.1739	.1764
10.			.0411	.0347	.0318	.0270	.0356	.0344	.0331	.0362	.0348	.0345	.0366	.0398
20.		.0455	.0321	.0275	.0251	.0231	.0287	.0320	.0345	.0356	.0345	.0336	.0403	.0413
30.				.0292	.0300	.0293	.0359	.0371	.0383	.0405	.0406	.0362	.0426	.0429
40.	.0514	.0449	.0299	.0318	.0318	.0445	.0399	.0410	.0424	.0424	.0427	.0385	.0416	.0454
60.			.0326	.0344	.0346	.0381	.0427	.0424	.0420	.0410	.0444	.0409	.0403	.0452
90.	.0497	.0432		.0312	.0331	.0368	.0410	.0412	.1727	.0459	.0374	.0406	.0419	.0396
120.			.0258	.0279	.0290	.0319	.0357	.0374	.0362	.0352	.0382	.0358	.0341	.0381
140.	.0457	.0387	.0222	.0268	.0253	.0355	.0320	.0353	.0354	.0349	.0353	.0307	.0338	.0358
150.				.0229	.0221	.0208	.0277	.0312	.0310	.0309	.0309	.0267	.0329	.0334
160.		.0371	.0242	.0204	.0155	.0143	.0201	.0220	.0246	.0228	.0223	.0215	.0265	.0298
170.			.0319	.0287	.0242	.0182	.0278	.0268	.0264	.0288	.0250	.0235	.0269	.0277
180.	.2010	.1964	.2043	.1968	.1945	.1976	.2004	.1971	.1999	.1977	.1935	.1917	.1930	.1921
190.			.2061	.2062	.2068	.2044	.2173	.2164	.2180	.2224	.2191	.2155	.2179	.2200
200.		.1912	.1836	.1800	.1774	.1769	.1863	.1906	.1906	.1901	.1878	.1874	.1935	.1958
210.				.1677	.1663	.1660	.1769	.1777	.1749	.1776	.1782	.1716	.1846	.1861
220.	.1863	.1736	.1586	.1634	.1615	.1717	.1714	.1735	.1723	.1720	.1746	.1697	.1740	.1813
240.			.1540	.1600	.1603	.1644	.1681	.1663	.1669	.1656	.1733	.1686	.1654	.1733
270.	.1883	.1778		.1581	.1712	.1678	.1711	.1720	.2064	.1764	.1685	.1754	.1748	.1717
300.			.1629	.1647	.1709	.1715	.1751	.1763	.1762	.1755	.1806	.1759	.1736	.1821
320.	.1895	.1812	.1642	.1707	.1687	.1783	.1789	.1810	.1814	.1807	.1819	.1748	.1784	.1865
330.				.1738	.1712	.1729	.1836	.1845	.1841	.1861	.1839	.1765	.1868	.1900
340.		.1938	.1797	.1840	.1809	.1807	.1916	.1948	.1946	.1948	.1900	.1886	.1943	.1979
350.			.2033	.2056	.2054	.2011	.2155	.2151	.2170	.2208	.2135	.2106	.2150	.2149
						FOR ALPHA = 1.50 DEG								
0.	.1643	.1571	.1602	.1554	.1535	.1553	.1584	.1591	.1593	.1600	.1565	.1547	.1548	.1573
10.			.0355	.0351	.0298	.0254	.0318	.0307	.0320	.0336	.0337	.0292	.0322	.0361
20.		.0455	.0300	.0293	.0250	.0242	.0309	.0333	.0358	.0367	.0346	.0324	.0387	.0421
30.				.0303	.0291	.0303	.0349	.0396	.0394	.0414	.0402	.0354	.0433	.0432
40.	.0520	.0469	.0297	.0317	.0311	.0435	.0365	.0422	.0413	.0420	.0437	.0388	.0413	.0464
60.			.0315	.0333	.0338	.0366	.0396	.0417	.0408	.0406	.0440	.0428	.0404	.0455
90.	.0495	.0421		.0309	.0328	.0355	.0390	.0401	.1717	.0460	.0358	.0413	.0415	.0391
120.			.0241	.0273	.0288	.0305	.0341	.0370	.0365	.0358	.0371	.0354	.0342	.0390
140.	.0444	.0369	.0189	.0249	.0240	.0340	.0301	.0343	.0353	.0340	.0343	.0304	.0332	.0357
150.				.0214	.0210	.0196	.0247	.0292	.0298	.0311	.0303	.0252	.0326	.0333
160.		.0365	.0223	.0196	.0150	.0124	.0183	.0207	.0224	.0216	.0209	.0189	.0257	.0298
170.			.0335	.0330	.0282	.0239	.0326	.0303	.0306	.0341	.0292	.0277	.0290	.0330
180.	.2193	.2127	.2202	.2143	.2137	.2154	.2189	.2164	.2214	.2197	.2144	.2139	.2103	.2146
190.			.2150	.2187	.2185	.2135	.2308	.2261	.2285	.2336	.2284	.2225	.2295	.2320
200.		.1985	.1857	.1822	.1833	.1828	.1909	.1970	.1996	.1941	.1940	.1919	.1974	.2060
210.				.1695	.1688	.1696	.1784	.1841	.1832	.1820	.1834	.1743	.1872	.1882
220.	.1872	.1752	.1563	.1645	.1644	.1719	.1717	.1733	.1757	.1765	.1765	.1725	.1787	.1825
240.			.1537	.1599	.1638	.1624	.1659	.1673	.1677	.1683	.1736	.1722	.1709	.1754
270.	.1876	.1758		.1589	.1687	.1679	.1680	.1719	.2089	.1747	.1683	.1731	.1744	.1730
300.			.1601	.1626	.1708	.1717	.1741	.1746	.1739	.1744	.1780	.1760	.1728	.1799
320.	.1880	.1794	.1600	.1681	.1657	.1742	.1765	.1769	.1779	.1788	.1787	.1725	.1757	.1839
330.				.1695	.1672	.1699	.1777	.1816	.1814	.1820	.1789	.1728	.1823	.1832
340.		.1872	.1763	.1769	.1759	.1749	.1855	.1897	.1897	.1888	.1839	.1826	.1887	.1911
350.			.1925	.1957	.1954	.1896	.2032	.2058	.2059	.2075	.2051	.1993	.2046	.2032

TABLE III. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.49 DEG								
0.	.1958	.1909	.1898	.1891	.1884	.1819	.1839	.1830	.1819	.1840	.1798	.1841	.1814	0.
10.	.0497	.0422	.0381	.0342	.0440	.0317	.0302	.0339	.0279	.0330	.0329	.0324	.0345	10.
20.	.0364	.0361	.0367	.0337	.0326	.0311	.0308	.0293	.0265	.0266	.0262	.0314	.0302	20.
30.	.0360	.0347	.0346	.0339	.0316	.0313	.0321	.0325	.0322	.0323	.0297	.0313	.0321	30.
40.	.0413	.0363	.0353	.0376	.0316	.0329	.0357	.0356	.0346	.0338	.0314	.0341	.0378	40.
60.	.0416	.0370	.0387	.0384	.0347	.0346	.0335	.0349	.0353	.0326	.0387	.0393	.0420	60.
90.	.0384	.0348	.0365	.0372	.0291	.0300	.0315	.0311	.0300	.0286	.0340	.0376	.0389	90.
120.	.0347	.0309	.0325	.0323	.0294	.0275	.0272	.0284	.0281	.0261	.0308	.0333	.0363	120.
140.	.0337	.0284	.0294	.0305	.0270	.0274	.0275	.0283	.0269	.0245	.0218	.0258	.0296	140.
150.	.0290	.0259	.0279	.0281	.0245	.0253	.0242	.0258	.0231	.0228	.0198	.0203	.0239	150.
160.	.0271	.0273	.0258	.0259	.0239	.0207	.0211	.0202	.0163	.0149	.0147	.0184	.0183	160.
170.	.0297	.0273	.0222	.0211	.0266	.0150	.0154	.0166	.0147	.0133	.0134	.0155	.0169	170.
180.	.1741	.1709	.1708	.1665	.1660	.1579	.1607	.1579	.1569	.1584	.1561	.1612	.1579	180.
190.	.2103	.2069	.2004	.1958	.2102	.1927	.1915	.1955	.1911	.1903	.1935	.1955	.1974	190.
200.	.1820	.1814	.1807	.1799	.1799	.1740	.1735	.1696	.1702	.1677	.1688	.1778	.1746	200.
210.	.1714	.1695	.1701	.1682	.1631	.1636	.1628	.1634	.1609	.1616	.1579	.1620	.1615	210.
220.	.1716	.1631	.1631	.1667	.1570	.1601	.1621	.1610	.1606	.1576	.1527	.1572	.1648	220.
240.	.1670	.1618	.1672	.1637	.1560	.1550	.1547	.1550	.1544	.1527	.1601	.1601	.1629	240.
270.	.1712	.1675	.1717	.1711	.1556	.1582	.1578	.1568	.1566	.1567	.1646	.1680	.1729	270.
300.	.1793	.1726	.1754	.1744	.1660	.1651	.1641	.1662	.1623	.1659	.1725	.1746	.1778	300.
320.	.1846	.1765	.1785	.1788	.1704	.1735	.1745	.1727	.1710	.1714	.1675	.1744	.1802	320.
330.	.1837	.1837	.1849	.1839	.1740	.1793	.1767	.1785	.1763	.1767	.1755	.1752	.1801	330.
340.	.1982	.1990	.1980	.1967	.1945	.1907	.1911	.1894	.1871	.1862	.1841	.1934	.1950	340.
350.	.2257	.2266	.2210	.2175	.2325	.2127	.2167	.2154	.2130	.2143	.2199	.2217	.2217	350.
						FOR ALPHA = .50 DEG								
0.	.1761	.1733	.1732	.1730	.1696	.1623	.1638	.1647	.1615	.1632	.1617	.1664	.1650	0.
10.	.0464	.0427	.0346	.0348	.0402	.0298	.0294	.0311	.0290	.0291	.0282	.0320	.0310	10.
20.	.0369	.0389	.0346	.0351	.0330	.0316	.0298	.0303	.0273	.0283	.0273	.0304	.0302	20.
30.	.0361	.0351	.0360	.0343	.0319	.0339	.0324	.0347	.0323	.0333	.0313	.0319	.0346	30.
40.	.0414	.0363	.0375	.0369	.0325	.0353	.0348	.0369	.0356	.0347	.0309	.0351	.0391	40.
60.	.0416	.0376	.0388	.0387	.0342	.0342	.0342	.0346	.0359	.0349	.0389	.0417	.0426	60.
90.	.0386	.0349	.0369	.0377	.0292	.0300	.0322	.0307	.0300	.0297	.0344	.0380	.0397	90.
120.	.0345	.0303	.0317	.0315	.0278	.0279	.0283	.0281	.0268	.0249	.0311	.0329	.0352	120.
140.	.0329	.0280	.0278	.0296	.0255	.0274	.0276	.0273	.0255	.0247	.0217	.0252	.0286	140.
150.	.0269	.0252	.0276	.0263	.0237	.0242	.0243	.0238	.0210	.0222	.0194	.0207	.0228	150.
160.	.0252	.0265	.0260	.0251	.0226	.0210	.0207	.0194	.0148	.0146	.0142	.0181	.0178	160.
170.	.0313	.0271	.0252	.0208	.0256	.0179	.0163	.0188	.0134	.0143	.0152	.0181	.0191	170.
180.	.1958	.1891	.1901	.1859	.1861	.1773	.1797	.1792	.1772	.1768	.1735	.1811	.1782	180.
190.	.2234	.2195	.2129	.2075	.2220	.2033	.2042	.2047	.2023	.2038	.2060	.2077	.2088	190.
200.	.1909	.1888	.1856	.1865	.1840	.1815	.1795	.1765	.1739	.1752	.1728	.1828	.1844	200.
210.	.1767	.1744	.1739	.1720	.1688	.1692	.1685	.1685	.1653	.1660	.1632	.1637	.1676	210.
220.	.1758	.1667	.1684	.1692	.1624	.1646	.1638	.1647	.1616	.1622	.1554	.1606	.1653	220.
240.	.1696	.1617	.1674	.1680	.1590	.1578	.1558	.1561	.1577	.1549	.1626	.1623	.1655	240.
270.	.1723	.1675	.1696	.1725	.1565	.1589	.1598	.1574	.1583	.1570	.1633	.1696	.1720	270.
300.	.1799	.1726	.1756	.1763	.1644	.1633	.1636	.1641	.1649	.1637	.1729	.1731	.1763	300.
320.	.1813	.1740	.1760	.1771	.1677	.1694	.1704	.1716	.1684	.1697	.1641	.1718	.1779	320.
330.	.1795	.1794	.1811	.1791	.1734	.1738	.1744	.1750	.1726	.1739	.1696	.1709	.1771	330.
340.	.1919	.1907	.1899	.1917	.1879	.1857	.1863	.1846	.1819	.1820	.1784	.1892	.1917	340.
350.	.2179	.2137	.2115	.2062	.2220	.2018	.2030	.2044	.2018	.2024	.2061	.2086	.2117	350.
						FOR ALPHA = 1.50 DEG								
0.	.1585	.1542	.1533	.1528	.1508	.1445	.1484	.1477	.1454	.1443	.1428	.1473	.1468	0.
10.	.0447	.0363	.0359	.0305	.0371	.0301	.0274	.0279	.0277	.0246	.0238	.0271	.0290	10.
20.	.0365	.0351	.0344	.0338	.0326	.0306	.0326	.0311	.0283	.0275	.0266	.0312	.0304	20.
30.	.0377	.0341	.0354	.0343	.0324	.0319	.0346	.0337	.0325	.0343	.0309	.0312	.0350	30.
40.	.0416	.0359	.0367	.0380	.0323	.0331	.0352	.0359	.0354	.0336	.0320	.0348	.0390	40.
60.	.0417	.0370	.0395	.0388	.0345	.0326	.0332	.0345	.0359	.0327	.0397	.0395	.0422	60.
90.	.0388	.0351	.0366	.0381	.0291	.0292	.0313	.0311	.0304	.0289	.0343	.0376	.0405	90.
120.	.0348	.0293	.0318	.0320	.0270	.0274	.0272	.0280	.0282	.0252	.0308	.0331	.0354	120.
140.	.0328	.0269	.0277	.0298	.0244	.0261	.0271	.0273	.0261	.0236	.0219	.0250	.0294	140.
150.	.0256	.0244	.0255	.0253	.0227	.0229	.0234	.0235	.0200	.0214	.0196	.0199	.0232	150.
160.	.0244	.0256	.0249	.0250	.0239	.0198	.0202	.0191	.0158	.0152	.0134	.0173	.0180	160.
170.	.0353	.0313	.0283	.0260	.0290	.0188	.0192	.0206	.0173	.0191	.0178	.0215	.0240	170.
180.	.2145	.2067	.2096	.2046	.2056	.2001	.1986	.1981	.1982	.1979	.1958	.2002	.1984	180.
190.	.2318	.2253	.2218	.2216	.2345	.2133	.2148	.2181	.2110	.2145	.2163	.2184	.2253	190.
200.	.1945	.1933	.1914	.1928	.1913	.1860	.1896	.1867	.1806	.1839	.1770	.1895	.1888	200.
210.	.1785	.1731	.1784	.1766	.1702	.1709	.1699	.1733	.1703	.1698	.1678	.1698	.1703	210.
220.	.1790	.1682	.1681	.1755	.1623	.1641	.1670	.1676	.1653	.1643	.1615	.1667	.1685	220.
240.	.1720	.1628	.1677	.1681	.1591	.1542	.1571	.1581	.1571	.1555	.1617	.1642	.1691	240.
270.	.1719	.1685	.1712	.1721	.1565	.1575	.1581	.1581	.1575	.1554	.1638	.1689	.1728	270.
300.	.1768	.1713	.1739	.1726	.1650	.1616	.1625	.1620	.1612	.1631	.1695	.1708	.1754	300.
320.	.1780	.1696	.1736	.1734	.1662	.1662	.1675	.1673	.1666	.1642	.1619	.1694	.1748	320.
330.	.1780	.1748	.1772	.1736	.1672	.1714	.1684	.1710	.1690	.1685	.1656	.1671	.1730	330.
340.	.1867	.1832	.1830	.1836	.1824	.1774	.1811	.1791	.1752	.1733	.1731	.1832	.1838	340.
350.	.2046	.2038	.1978	.1954	.2099	.1915	.1933	.1936	.1903	.1919	.1955	.1982	.2000	350.

TABLE III. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.50 DEG								
0.	.1483	.1430	.1436	.1389	.1389	.1385	.1435	.1419	.1459	.1402	.1382	.1369	.1365	.1394
10.			.0337	.0284	.0257	.0227	.0294	.0281	.0271	.0345	.0334	.0313	.0304	.0361
20.		.0450	.0311	.0275	.0256	.0251	.0305	.0331	.0364	.0345	.0338	.0332	.0383	.0420
30.				.0297	.0287	.0298	.0356	.0371	.0385	.0405	.0395	.0350	.0418	.0447
40.	.0525	.0461	.0301	.0308	.0311	.0448	.0385	.0400	.0414	.0417	.0424	.0381	.0418	.0450
60.			.0305	.0319	.0325	.0378	.0391	.0407	.0394	.0397	.0437	.0407	.0396	.0453
90.	.0495	.0419		.0296	.0326	.0351	.0383	.0389	.1764	.0460	.0366	.0400	.0409	.0390
120.			.0235	.0263	.0280	.0297	.0335	.0353	.0350	.0342	.0381	.0347	.0334	.0382
140.	.0443	.0357	.0182	.0232	.0221	.0324	.0290	.0321	.0330	.0331	.0340	.0301	.0324	.0358
150.				.0186	.0182	.0168	.0241	.0266	.0265	.0286	.0296	.0247	.0322	.0324
160.		.0366	.0192	.0176	.0128	.0119	.0180	.0197	.0198	.0210	.0190	.0172	.0228	.0257
170.			.0374	.0366	.0324	.0271	.0389	.0356	.0379	.0409	.0358	.0340	.0348	.0372
180.	.2389	.2310	.2435	.2341	.2323	.2345	.2390	.2402	.2412	.2396	.2347	.2341	.2335	.2330
190.			.2242	.2273	.2248	.2221	.2401	.2409	.2387	.2421	.2405	.2339	.2397	.2402
200.		.2031	.1943	.1901	.1831	.1857	.1969	.2023	.2020	.2011	.2000	.2008	.2045	.2058
210.				.1733	.1688	.1726	.1813	.1848	.1824	.1847	.1854	.1805	.1898	.1891
220.	.1891	.1775	.1619	.1645	.1633	.1720	.1744	.1781	.1753	.1785	.1793	.1743	.1779	.1844
240.			.1572	.1605	.1602	.1641	.1658	.1682	.1669	.1702	.1741	.1707	.1674	.1750
270.	.1860	.1755		.1594	.1671	.1658	.1697	.1706	.2106	.1737	.1673	.1740	.1732	.1714
300.			.1578	.1605	.1694	.1697	.1729	.1715	.1716	.1726	.1779	.1736	.1699	.1760
320.	.1869	.1789	.1582	.1636	.1656	.1719	.1722	.1740	.1756	.1749	.1749	.1691	.1714	.1803
330.				.1642	.1635	.1653	.1742	.1774	.1762	.1763	.1753	.1679	.1774	.1795
340.		.1839	.1744	.1723	.1699	.1675	.1787	.1831	.1816	.1819	.1795	.1766	.1810	.1846
350.			.1861	.1874	.1835	.1772	.1948	.1941	.1935	.1954	.1917	.1887	.1920	.1922
						FOR ALPHA = 3.51 DEG								
0.	.1336	.1272	.1275	.1197	.1209	.1219	.1271	.1244	.1285	.1255	.1215	.1214	.1208	.1233
10.			.0322	.0283	.0259	.0209	.0299	.0268	.0279	.0310	.0312	.0292	.0301	.0319
20.		.0455	.0303	.0266	.0285	.0251	.0324	.0359	.0362	.0359	.0341	.0329	.0379	.0409
30.				.0297	.0296	.0314	.0378	.0394	.0399	.0399	.0398	.0345	.0421	.0425
40.	.0506	.0457	.0301	.0309	.0303	.0448	.0391	.0393	.0421	.0403	.0419	.0380	.0402	.0451
60.			.0295	.0310	.0305	.0367	.0391	.0402	.0391	.0402	.0436	.0415	.0399	.0444
90.	.0473	.0403		.0281	.0294	.0329	.0368	.0376	.1788	.0449	.0360	.0392	.0418	.0380
120.			.0225	.0244	.0258	.0286	.0321	.0342	.0353	.0338	.0360	.0342	.0329	.0387
140.	.0427	.0319	.0161	.0205	.0201	.0301	.0270	.0303	.0330	.0317	.0308	.0293	.0311	.0331
150.				.0160	.0172	.0147	.0205	.0246	.0245	.0269	.0262	.0239	.0287	.0295
160.		.0340	.0177	.0166	.0137	.0104	.0145	.0184	.0174	.0163	.0137	.0157	.0188	.0209
170.			.0404	.0431	.0383	.0337	.0407	.0423	.0414	.0443	.0408	.0412	.0412	.0432
180.	.2615	.2537	.2608	.2557	.2508	.2565	.2618	.2596	.2627	.2581	.2570	.2556	.2565	.2571
190.			.2370	.2379	.2351	.2326	.2497	.2469	.2517	.2527	.2504	.2508	.2515	.2586
200.		.2080	.2044	.1943	.1950	.1924	.2041	.2063	.2096	.2068	.2038	.2050	.2102	.2135
210.				.1759	.1740	.1746	.1845	.1877	.1859	.1886	.1895	.1805	.1949	.1927
220.	.1922	.1803	.1654	.1676	.1703	.1754	.1766	.1795	.1832	.1818	.1832	.1761	.1819	.1862
240.			.1551	.1620	.1623	.1653	.1684	.1675	.1694	.1707	.1750	.1717	.1690	.1763
270.	.1858	.1749		.1628	.1658	.1651	.1691	.1695	.2124	.1741	.1679	.1732	.1749	.1718
300.			.1569	.1590	.1677	.1665	.1713	.1719	.1703	.1696	.1762	.1713	.1686	.1746
320.	.1850	.1795	.1567	.1623	.1639	.1690	.1709	.1715	.1720	.1716	.1732	.1655	.1706	.1763
330.				.1627	.1623	.1623	.1707	.1714	.1726	.1727	.1698	.1637	.1745	.1737
340.		.1792	.1674	.1671	.1652	.1653	.1738	.1763	.1774	.1747	.1719	.1685	.1732	.1788
350.			.1793	.1763	.1744	.1696	.1834	.1830	.1837	.1835	.1805	.1766	.1794	.1805
						FOR ALPHA = 5.50 DEG								
0.	.1045	.0965	.0979	.0901	.0904	.0928	.0973	.0957	.0971	.0955	.0932	.0907	.0915	.0934
10.			.0265	.0260	.0238	.0195	.0259	.0267	.0274	.0313	.0290	.0256	.0275	.0315
20.		.0432	.0286	.0270	.0282	.0277	.0336	.0355	.0371	.0355	.0334	.0328	.0378	.0404
30.				.0297	.0290	.0315	.0371	.0395	.0387	.0391	.0378	.0344	.0412	.0424
40.	.0479	.0436	.0297	.0302	.0297	.0454	.0386	.0397	.0389	.0395	.0413	.0361	.0399	.0442
60.			.0272	.0301	.0301	.0343	.0366	.0375	.0364	.0371	.0415	.0412	.0392	.0434
90.	.0443	.0375		.0258	.0284	.0297	.0329	.0349	.1874	.0427	.0338	.0383	.0398	.0370
120.			.0199	.0216	.0243	.0255	.0278	.0309	.0336	.0323	.0351	.0315	.0314	.0370
140.	.0406	.0296	.0129	.0160	.0178	.0266	.0208	.0244	.0279	.0280	.0285	.0255	.0288	.0315
150.				.0122	.0136	.0118	.0170	.0185	.0187	.0218	.0229	.0192	.0268	.0275
160.		.0372	.0212	.0141	.0125	.0095	.0150	.0148	.0161	.0156	.0133	.0113	.0172	.0225
170.			.0474	.0535	.0518	.0493	.0582	.0556	.0576	.0615	.0587	.0571	.0581	.0609
180.	.3025	.2967	.3036	.2986	.2981	.3004	.3059	.3050	.3089	.3060	.3007	.3033	.2978	.3009
190.			.2610	.2628	.2571	.2581	.2728	.2742	.2759	.2799	.2742	.2704	.2750	.2815
200.		.2192	.2098	.2037	.2012	.2028	.2139	.2197	.2217	.2189	.2183	.2168	.2232	.2266
210.				.1839	.1813	.1810	.1910	.1963	.1937	.1972	.1978	.1904	.2022	.2002
220.	.1948	.1822	.1698	.1731	.1749	.1770	.1791	.1836	.1848	.1850	.1874	.1833	.1866	.1890
240.			.1560	.1635	.1628	.1656	.1689	.1719	.1734	.1721	.1764	.1743	.1712	.1792
270.	.1825	.1713		.1627	.1614	.1638	.1662	.1690	.2186	.1720	.1650	.1715	.1719	.1708
300.			.1528	.1571	.1599	.1617	.1647	.1664	.1672	.1671	.1714	.1667	.1660	.1737
320.	.1750	.1680	.1518	.1503	.1571	.1627	.1638	.1653	.1649	.1665	.1662	.1575	.1620	.1712
330.				.1501	.1561	.1547	.1607	.1613	.1638	.1653	.1611	.1554	.1636	.1652
340.		.1701	.1489	.1536	.1537	.1533	.1609	.1635	.1634	.1629	.1575	.1552	.1611	.1656
350.			.1562	.1536	.1530	.1516	.1640	.1651	.1620	.1614	.1585	.1559	.1584	.1614

TABLE III. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = 2.50 DEG								
0.	.1396	.1364	.1376	.1346	.1337	.1278	.1307	.1291	.1262	.1276	.1274	.1305	.1288	0.
10.	.0439	.0365	.0309	.0288	.0361	.0252	.0240	.0262	.0221	.0229	.0232	.0250	.0272	10.
20.	.0372	.0345	.0339	.0329	.0322	.0306	.0296	.0298	.0282	.0281	.0254	.0294	.0322	20.
30.	.0385	.0361	.0351	.0351	.0334	.0336	.0329	.0346	.0327	.0334	.0296	.0317	.0332	30.
40.	.0415	.0365	.0363	.0376	.0329	.0331	.0352	.0354	.0348	.0340	.0300	.0353	.0386	40.
60.	.0410	.0361	.0375	.0388	.0342	.0333	.0324	.0347	.0369	.0346	.0391	.0408	.0420	60.
90.	.0382	.0344	.0364	.0372	.0285	.0292	.0304	.0298	.0304	.0287	.0341	.0371	.0391	90.
120.	.0351	.0293	.0321	.0317	.0272	.0266	.0265	.0270	.0277	.0252	.0296	.0318	.0347	120.
140.	.0325	.0270	.0273	.0279	.0238	.0253	.0253	.0254	.0240	.0249	.0211	.0241	.0274	140.
150.	.0254	.0234	.0243	.0236	.0217	.0228	.0220	.0216	.0189	.0213	.0194	.0189	.0238	150.
160.	.0228	.0238	.0221	.0220	.0219	.0218	.0206	.0188	.0149	.0165	.0136	.0193	.0185	160.
170.	.0411	.0378	.0306	.0281	.0334	.0226	.0229	.0220	.0213	.0214	.0206	.0241	.0248	170.
180.	.2340	.2300	.2294	.2285	.2273	.2215	.2183	.2183	.2198	.2201	.2164	.2213	.2169	180.
190.	.2422	.2417	.2366	.2288	.2447	.2263	.2260	.2255	.2234	.2252	.2316	.2301	.2311	190.
200.	.2020	.1990	.1992	.1965	.1982	.1934	.1935	.1893	.1865	.1868	.1869	.1935	.1928	200.
210.	.1811	.1784	.1816	.1784	.1722	.1755	.1763	.1742	.1733	.1737	.1699	.1709	.1751	210.
220.	.1815	.1728	.1724	.1723	.1654	.1662	.1703	.1687	.1687	.1668	.1619	.1662	.1710	220.
240.	.1720	.1669	.1676	.1667	.1593	.1575	.1579	.1575	.1561	.1557	.1649	.1636	.1705	240.
270.	.1711	.1672	.1686	.1713	.1578	.1586	.1579	.1561	.1573	.1560	.1632	.1680	.1729	270.
300.	.1747	.1680	.1717	.1715	.1612	.1615	.1605	.1619	.1606	.1605	.1689	.1698	.1717	300.
320.	.1783	.1675	.1681	.1704	.1622	.1650	.1632	.1644	.1631	.1626	.1592	.1651	.1700	320.
330.	.1718	.1723	.1720	.1702	.1638	.1665	.1654	.1673	.1629	.1642	.1612	.1619	.1689	330.
340.	.1784	.1782	.1752	.1769	.1758	.1725	.1751	.1710	.1670	.1689	.1656	.1758	.1763	340.
350.	.1941	.1924	.1878	.1847	.1977	.1809	.1829	.1819	.1800	.1855	.1846	.1865	.1874	350.
						FOR ALPHA = 3.51 DEG								
0.	.1256	.1201	.1210	.1185	.1180	.1122	.1105	.1105	.1093	.1103	.1110	.1140	.1127	0.
10.	.0414	.0340	.0272	.0289	.0317	.0236	.0235	.0225	.0208	.0201	.0208	.0232	.0238	10.
20.	.0360	.0346	.0345	.0335	.0339	.0321	.0317	.0310	.0274	.0283	.0249	.0299	.0286	20.
30.	.0377	.0358	.0362	.0343	.0332	.0338	.0323	.0356	.0315	.0320	.0300	.0297	.0322	30.
40.	.0418	.0359	.0363	.0371	.0319	.0336	.0354	.0354	.0354	.0340	.0301	.0345	.0358	40.
60.	.0415	.0356	.0379	.0369	.0328	.0324	.0323	.0333	.0354	.0333	.0367	.0396	.0391	60.
90.	.0371	.0343	.0352	.0364	.0273	.0286	.0294	.0285	.0288	.0280	.0329	.0363	.0382	90.
120.	.0334	.0293	.0300	.0300	.0258	.0259	.0255	.0254	.0259	.0244	.0288	.0321	.0342	120.
140.	.0294	.0268	.0257	.0263	.0230	.0243	.0241	.0258	.0235	.0230	.0204	.0236	.0268	140.
150.	.0230	.0227	.0241	.0219	.0192	.0221	.0214	.0228	.0182	.0188	.0182	.0173	.0204	150.
160.	.0204	.0217	.0189	.0215	.0208	.0199	.0217	.0203	.0165	.0143	.0148	.0164	.0161	160.
170.	.0465	.0462	.0377	.0369	.0411	.0260	.0278	.0266	.0233	.0223	.0248	.0258	.0253	170.
180.	.2554	.2510	.2523	.2486	.2483	.2381	.2396	.2383	.2361	.2419	.2400	.2433	.2416	180.
190.	.2582	.2515	.2465	.2463	.2559	.2400	.2370	.2376	.2338	.2360	.2387	.2406	.2434	190.
200.	.2096	.2075	.2046	.2051	.2024	.1988	.1993	.1952	.1916	.1949	.1902	.2011	.1982	200.
210.	.1836	.1849	.1845	.1865	.1780	.1789	.1792	.1821	.1760	.1801	.1745	.1762	.1793	210.
220.	.1816	.1740	.1742	.1764	.1689	.1697	.1707	.1729	.1699	.1706	.1656	.1688	.1738	220.
240.	.1734	.1645	.1698	.1675	.1594	.1611	.1581	.1610	.1598	.1585	.1663	.1697	.1724	240.
270.	.1718	.1665	.1704	.1702	.1553	.1574	.1567	.1564	.1576	.1572	.1639	.1695	.1723	270.
300.	.1716	.1674	.1711	.1679	.1596	.1577	.1572	.1606	.1595	.1610	.1678	.1687	.1717	300.
320.	.1726	.1626	.1635	.1672	.1578	.1625	.1621	.1624	.1592	.1590	.1540	.1629	.1679	320.
330.	.1679	.1660	.1659	.1655	.1594	.1639	.1617	.1631	.1603	.1602	.1566	.1603	.1644	330.
340.	.1710	.1726	.1706	.1718	.1689	.1664	.1666	.1644	.1614	.1624	.1597	.1707	.1694	340.
350.	.1837	.1834	.1773	.1748	.1896	.1702	.1700	.1717	.1694	.1722	.1722	.1749	.1786	350.
						FOR ALPHA = 5.50 DEG								
0.	.0943	.0910	.0922	.0882	.0885	.0811	.0816	.0809	.0801	.0805	.0798	.0843	.0856	0.
10.	.0389	.0291	.0266	.0228	.0306	.0213	.0186	.0211	.0182	.0165	.0185	.0216	.0220	10.
20.	.0355	.0340	.0335	.0332	.0324	.0309	.0321	.0305	.0271	.0248	.0239	.0287	.0292	20.
30.	.0367	.0348	.0358	.0355	.0328	.0328	.0330	.0329	.0310	.0309	.0273	.0283	.0307	30.
40.	.0402	.0349	.0359	.0362	.0314	.0326	.0339	.0341	.0329	.0311	.0286	.0316	.0343	40.
60.	.0386	.0342	.0357	.0354	.0307	.0302	.0308	.0330	.0329	.0308	.0354	.0351	.0364	60.
90.	.0360	.0313	.0336	.0349	.0251	.0261	.0273	.0267	.0267	.0251	.0303	.0338	.0352	90.
120.	.0326	.0270	.0287	.0280	.0242	.0234	.0219	.0229	.0232	.0202	.0252	.0291	.0322	120.
140.	.0277	.0230	.0226	.0249	.0193	.0194	.0209	.0224	.0203	.0204	.0177	.0208	.0242	140.
150.	.0211	.0187	.0194	.0194	.0152	.0162	.0167	.0187	.0144	.0165	.0144	.0142	.0185	150.
160.	.0190	.0187	.0194	.0211	.0197	.0184	.0187	.0175	.0144	.0148	.0119	.0159	.0154	160.
170.	.0615	.0601	.0527	.0515	.0558	.0429	.0392	.0402	.0378	.0382	.0364	.0396	.0419	170.
180.	.3026	.2958	.2965	.2933	.2957	.2858	.2868	.2839	.2825	.2856	.2836	.2903	.2840	180.
190.	.2782	.2752	.2703	.2650	.2815	.2640	.2642	.2632	.2560	.2627	.2619	.2634	.2692	190.
200.	.2215	.2208	.2187	.2185	.2162	.2127	.2166	.2102	.2051	.2078	.2048	.2132	.2105	200.
210.	.1903	.1876	.1917	.1941	.1834	.1850	.1857	.1855	.1831	.1864	.1837	.1832	.1849	210.
220.	.1880	.1781	.1783	.1809	.1731	.1731	.1759	.1780	.1757	.1761	.1724	.1740	.1788	220.
240.	.1756	.1675	.1710	.1693	.1614	.1599	.1597	.1629	.1587	.1583	.1669	.1686	.1743	240.
270.	.1703	.1651	.1682	.1696	.1548	.1559	.1563	.1556	.1557	.1544	.1629	.1692	.1718	270.
300.	.1688	.1625	.1644	.1635	.1554	.1549	.1542	.1572	.1553	.1568	.1649	.1641	.1684	300.
320.	.1651	.1557	.1568	.1598	.1512	.1540	.1547	.1565	.1541	.1509	.1455	.1565	.1642	320.
330.	.1597	.1577	.1566	.1572	.1512	.1552	.1538	.1534	.1517	.1505	.1464	.1502	.1571	330.
340.	.1586	.1572	.1575	.1610	.1587	.1526	.1528	.1518	.1523	.1505	.1485	.1556	.1550	340.
350.	.1639	.1625	.1572	.1534	.1684	.1486	.1501	.1499	.1503	.1509	.1526	.1531	.1561	350.

TABLE III. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 10.50 DEG								
0.	.0536	.0428	.0388	.0309	.0325	.0331	.0361	.0357	.0358	.0365	.0314	.0323	.0306	.0321
10.			.0207	.0185	.0181	.0185	.0260	.0258	.0262	.0256	.0229	.0206	.0213	.0251
20.		.0395	.0228	.0239	.0248	.0272	.0329	.0340	.0331	.0317	.0289	.0291	.0316	.0364
30.				.0236	.0219	.0284	.0334	.0330	.0318	.0342	.0317	.0278	.0351	.0363
40.	.0357	.0338	.0217	.0212	.0219	.0382	.0318	.0321	.0307	.0322	.0338	.0297	.0323	.0370
60.			.0170	.0178	.0219	.0214	.0253	.0277	.0270	.0280	.0350	.0329	.0295	.0352
90.	.0328	.0260		.0162	.0169	.0171	.0204	.0213	.2196	.0314	.0234	.0273	.0283	.0273
120.			.0076	.0116	.0106	.0120	.0164	.0172	.0182	.0156	.0196	.0217	.0226	.0285
140.	.0325	.0149	-.0023	.0032	.0018	.0139	.0077	.0093	.0077	.0081	.0064	.0051	.0075	.0096
150.				.0020	.0012	-.0017	.0050	.0081	.0023	.0052	.0034	.0031	.0091	.0098
160.		.0468	.0307	.0186	.0157	.0149	.0191	.0225	.0229	.0236	.0188	.0204	.0254	.0288
170.			.0921	.0972	.0951	.0958	.1067	.1075	.1092	.1132	.1104	.1103	.1105	.1168
180.	.4258	.4144	.4278	.4207	.4196	.4270	.4277	.4272	.4326	.4275	.4232	.4258	.4234	.4291
190.			.3225	.3206	.3200	.3218	.3342	.3386	.3395	.3454	.3427	.3377	.3397	.3471
200.		.2474	.2418	.2301	.2311	.2345	.2425	.2467	.2501	.2502	.2462	.2456	.2536	.2588
210.				.1962	.1948	.1961	.2052	.2109	.2072	.2108	.2098	.2078	.2205	.2189
220.	.2024	.1872	.1868	.1807	.1804	.1843	.1894	.1940	.1937	.1939	.1923	.1892	.1966	.1999
240.			.1717	.1628	.1640	.1665	.1731	.1728	.1733	.1717	.1749	.1734	.1736	.1804
270.	.1780	.1623		.1560	.1568	.1582	.1612	.1621	.2488	.1637	.1592	.1652	.1676	.1659
300.			.1435	.1500	.1466	.1487	.1521	.1543	.1533	.1533	.1602	.1587	.1552	.1583
320.	.1556	.1436	.1373	.1365	.1376	.1440	.1441	.1431	.1447	.1446	.1482	.1403	.1423	.1502
330.				.1263	.1334	.1304	.1361	.1353	.1375	.1373	.1366	.1310	.1398	.1431
340.		.1319	.1187	.1201	.1251	.1200	.1264	.1288	.1270	.1271	.1238	.1250	.1295	.1324
350.			.1066	.1090	.1064	.1013	.1110	.1110	.1086	.1094	.1065	.1082	.1097	.1121
						FOR ALPHA = 15.50 DEG								
0.	.0194	.0155	.0018	-.0062	-.0046	-.0060	-.0016	-.0024	-.0028	-.0046	-.0057	-.0071	-.0073	-.0049
10.			.0111	.0107	.0150	.0130	.0175	.0182	.0155	.0153	.0145	.0134	.0151	.0173
20.		.0268	.0126	.0127	.0165	.0189	.0216	.0221	.0215	.0204	.0199	.0195	.0225	.0243
30.				.0097	.0119	.0148	.0172	.0180	.0186	.0202	.0194	.0159	.0205	.0223
40.	.0201	.0197	.0054	.0055	.0088	.0219	.0146	.0158	.0161	.0180	.0207	.0147	.0163	.0198
60.			.0024	.0008	.0013	.0019	.0026	.0074	.0071	.0116	.0156	.0178	.0145	.0173
90.	.0152	.0061		-.0029	-.0030	-.0035	-.0014	.0001	.2728	.0084	-.0023	.0029	.0054	.0058
120.			-.0130	-.0090	-.0099	-.0081	-.0074	-.0056	-.0052	-.0070	-.0039	-.0070	-.0026	.0036
140.	.0255	.0031	-.0051	-.0101	-.0119	.0003	-.0088	-.0069	-.0073	-.0074	-.0085	-.0109	-.0073	-.0077
150.				.0044	.0016	.0002	.0056	.0084	.0049	.0074	.0089	.0078	.0136	.0147
160.		.0733	.0584	.0451	.0423	.0425	.0513	.0526	.0549	.0543	.0495	.0491	.0543	.0579
170.			.1425	.1521	.1510	.1527	.1696	.1666	.1701	.1759	.1725	.1739	.1764	.1780
180.	.5569	.5550	.5689	.5615	.5582	.5716	.5662	.5665	.5695	.5688	.5654	.5669	.5652	.5682
190.			.3843	.3933	.3983	.3925	.4097	.4095	.4154	.4202	.4196	.4124	.4195	.4210
200.		.2887	.2704	.2655	.2629	.2659	.2757	.2834	.2834	.2880	.2834	.2835	.2898	.2959
210.				.2108	.2118	.2138	.2255	.2275	.2273	.2278	.2302	.2297	.2436	.2372
220.	.2141	.1936	.1888	.1890	.1922	.1973	.2025	.2043	.2039	.2008	.2012	.2025	.2068	.2138
240.			.1760	.1635	.1668	.1723	.1748	.1756	.1754	.1750	.1789	.1767	.1817	.1853
270.	.1681	.1546		.1492	.1488	.1500	.1525	.1550	.2939	.1571	.1521	.1566	.1587	.1577
300.			.1231	.1332	.1322	.1307	.1350	.1389	.1375	.1403	.1451	.1445	.1385	.1462
320.	.1313	.1157	.1053	.1155	.1123	.1196	.1214	.1217	.1205	.1224	.1245	.1167	.1179	.1254
330.				.1006	.1031	.1031	.1071	.1063	.1073	.1113	.1067	.1006	.1087	.1130
340.		.0901	.0771	.0869	.0885	.0844	.0881	.0903	.0890	.0904	.0855	.0837	.0904	.0915
350.			.0591	.0553	.0576	.0529	.0585	.0572	.0534	.0557	.0523	.0527	.0545	.0571
						FOR ALPHA = 20.50 DEG								
0.	.0035	-.0027	-.0116	-.0133	-.0135	-.0123	-.0086	-.0073	-.0056	-.0061	-.0068	-.0057	-.0070	-.0039
10.			-.0012	.0036	.0054	.0060	.0112	.0113	.0100	.0112	.0085	.0075	.0090	.0098
20.		.0036	-.0111	-.0084	-.0049	-.0032	.0021	.0053	.0060	.0079	.0049	.0034	.0060	.0069
30.				-.0128	-.0118	-.0093	-.0065	-.0051	-.0027	.0015	-.0006	-.0053	-.0002	.0019
40.	-.0078	-.0077	-.0187	-.0167	-.0181	-.0038	-.0156	-.0126	-.0109	-.0091	-.0047	-.0086	-.0081	-.0042
60.			-.0251	-.0257	-.0276	-.0283	-.0256	-.0249	-.0243	-.0242	-.0217	-.0184	-.0209	-.0184
90.	-.0051	-.0197		-.0279	-.0284	-.0306	-.0288	-.0299	.3453	-.0214	-.0318	-.0310	-.0291	-.0304
120.			-.0228	-.0255	-.0246	-.0236	-.0195	-.0195	-.0161	-.0183	-.0172	-.0193	-.0182	-.0141
140.	.0260	.0070	.0052	-.0040	-.0044	.0068	.0015	.0044	.0024	.0022	.0004	.0015	.0028	.0023
150.				.0191	.0183	.0167	.0247	.0272	.0254	.0271	.0296	.0309	.0367	.0335
160.		.1053	.0893	.0748	.0710	.0748	.0808	.0862	.0896	.0876	.0855	.0828	.0873	.0913
170.			.1930	.2061	.2054	.2085	.2251	.2289	.2329	.2389	.2371	.2382	.2408	.2452
180.	.7089	.7018	.7032	.7142	.7055	.7101	.7133	.7117	.7216	.7176	.7160	.7132	.7121	.7219
190.			.4600	.4723	.4746	.4723	.4935	.4872	.4930	.5056	.5010	.4966	.4978	.5025
200.		.3375	.3113	.3040	.3015	.3084	.3223	.3230	.3280	.3253	.3221	.3212	.3338	.3383
210.				.2298	.2311	.2366	.2485	.2523	.2468	.2509	.2557	.2496	.2597	.2654
220.	.2279	.2107	.1980	.1991	.2030	.2072	.2174	.2192	.2147	.2195	.2154	.2112	.2193	.2214
240.			.1780	.1663	.1695	.1735	.1784	.1788	.1824	.1843	.1854	.1822	.1863	.1936
270.	.1630	.1460		.1397	.1416	.1438	.1464	.1477	.3707	.1501	.1459	.1481	.1502	.1525
300.			.1052	.1164	.1155	.1143	.1174	.1193	.1202	.1264	.1323	.1327	.1275	.1331
320.	.1070	.0891	.0867	.0928	.0860	.0953	.0956	.0959	.0957	.0981	.1018	.0929	.0964	.1008
330.				.0715	.0702	.0712	.0750	.0739	.0759	.0778	.0763	.0700	.0778	.0801
340.		.0499	.0397	.0459	.0468	.0427	.0457	.0474	.0486	.0494	.0453	.0460	.0501	.0519
350.			.0083	.0103	.0079	.0020	.0070	.0058	.0020	.0039	.0020	.0025	.0037	.0062

TABLE III. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG, CONCLUDED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = 10.50 DEG								
0.	.0323	.0310	.0284	.0255	.0280	.0206	.0213	.0235	.0210	.0213	.0210	.0230	.0235	0.
10.	.0348	.0242	.0215	.0170	.0255	.0161	.0163	.0174	.0145	.0138	.0157	.0149	.0172	10.
20.	.0305	.0296	.0295	.0283	.0266	.0254	.0244	.0228	.0228	.0214	.0187	.0247	.0247	20.
30.	.0315	.0296	.0285	.0262	.0254	.0255	.0248	.0241	.0224	.0224	.0195	.0216	.0258	30.
40.	.0331	.0287	.0270	.0287	.0225	.0241	.0245	.0233	.0215	.0209	.0175	.0224	.0288	40.
60.	.0301	.0252	.0278	.0270	.0216	.0210	.0200	.0210	.0207	.0192	.0249	.0253	.0269	60.
90.	.0255	.0220	.0236	.0250	.0148	.0167	.0166	.0160	.0146	.0144	.0183	.0219	.0244	90.
120.	.0212	.0167	.0176	.0174	.0128	.0124	.0119	.0108	.0098	.0088	.0145	.0178	.0222	120.
140.	.0069	.0068	.0091	.0098	.0066	.0081	.0083	.0097	.0061	.0083	.0088	.0110	.0151	140.
150.	.0015	-.0006	.0015	.0005	-.0022	-.0004	.0003	.0003	-.0020	-.0016	-.0001	-.0005	.0051	150.
160.	.0241	.0263	.0244	.0280	.0256	.0218	.0241	.0226	.0195	.0179	.0190	.0230	.0232	160.
170.	.1140	.1157	.1079	.1051	.1076	.0890	.0879	.0879	.0839	.0824	.0846	.0868	.0875	170.
180.	.4303	.4210	.4211	.4163	.4200	.4137	.4140	.4106	.4100	.4074	.4074	.4090	.4101	180.
190.	.3412	.3447	.3376	.3321	.3471	.3260	.3249	.3287	.3247	.3206	.3239	.3264	.3307	190.
200.	.2541	.2576	.2532	.2501	.2497	.2429	.2467	.2425	.2359	.2337	.2329	.2449	.2425	200.
210.	.2092	.2058	.2091	.2095	.1983	.2036	.2037	.2025	.1985	.1994	.1933	.1984	.2042	210.
220.	.1966	.1883	.1883	.1922	.1835	.1844	.1834	.1840	.1839	.1844	.1813	.1846	.1878	220.
240.	.1736	.1686	.1728	.1725	.1660	.1637	.1623	.1609	.1577	.1596	.1679	.1699	.1774	240.
270.	.1651	.1590	.1625	.1646	.1501	.1524	.1516	.1516	.1532	.1525	.1591	.1631	.1653	270.
300.	.1567	.1509	.1538	.1542	.1453	.1454	.1429	.1462	.1453	.1475	.1545	.1570	.1556	300.
320.	.1468	.1396	.1393	.1409	.1325	.1359	.1346	.1360	.1348	.1343	.1300	.1392	.1422	320.
330.	.1373	.1357	.1329	.1325	.1261	.1297	.1291	.1307	.1265	.1276	.1246	.1262	.1322	330.
340.	.1249	.1248	.1236	.1254	.1240	.1200	.1215	.1199	.1169	.1180	.1146	.1221	.1248	340.
350.	.1152	.1113	.1046	.1020	.1141	.0979	.1002	.0988	.0990	.1012	.1029	.1050	.1085	350.
						FOR ALPHA = 15.50 DEG								
0.	-.0041	-.0065	-.0075	-.0079	-.0093	-.0151	-.0141	-.0157	-.0172	-.0149	-.0163	-.0141	-.0147	0.
10.	.0286	.0149	.0136	.0096	.0155	.0075	.0081	.0097	.0077	.0097	.0102	.0107	.0123	10.
20.	.0193	.0178	.0183	.0173	.0166	.0135	.0156	.0153	.0143	.0132	.0120	.0155	.0168	20.
30.	.0171	.0151	.0145	.0129	.0119	.0120	.0122	.0121	.0111	.0116	.0087	.0100	.0139	30.
40.	.0172	.0111	.0109	.0108	.0065	.0083	.0093	.0088	.0099	.0069	.0046	.0095	.0135	40.
60.	.0123	.0089	.0080	.0081	.0023	.0019	.0027	.0046	.0067	.0045	.0094	.0077	.0092	60.
90.	.0059	.0028	.0037	.0041	-.0043	-.0026	-.0023	-.0021	-.0001	-.0011	.0041	.0056	.0085	90.
120.	.0004	-.0049	-.0049	-.0031	-.0069	-.0066	-.0068	-.0102	-.0067	-.0109	-.0036	.0009	.0023	120.
140.	-.0115	-.0124	-.0135	-.0126	-.0139	-.0151	-.0134	-.0138	-.0143	-.0116	-.0117	-.0056	-.0030	140.
150.	.0092	.0051	.0056	.0030	.0015	.0012	.0027	.0052	.0021	.0057	.0054	.0081	.0106	150.
160.	.0561	.0549	.0556	.0542	.0566	.0517	.0509	.0529	.0496	.0537	.0501	.0540	.0562	160.
170.	.1764	.1790	.1700	.1644	.1687	.1493	.1448	.1473	.1419	.1426	.1444	.1461	.1497	170.
180.	.5674	.5639	.5647	.5551	.5572	.5556	.5511	.5536	.5499	.5487	.5441	.5560	.5449	180.
190.	.4162	.4203	.4091	.4052	.4150	.3981	.4000	.3987	.3969	.3944	.3994	.4001	.4043	190.
200.	.2954	.2938	.2922	.2866	.2846	.2766	.2777	.2810	.2692	.2717	.2721	.2833	.2759	200.
210.	.2287	.2233	.2280	.2279	.2172	.2235	.2228	.2236	.2154	.2183	.2180	.2168	.2225	210.
220.	.2092	.2024	.2037	.2071	.1999	.1945	.1946	.1948	.1925	.1929	.1893	.1996	.2006	220.
240.	.1795	.1733	.1764	.1722	.1678	.1651	.1625	.1611	.1595	.1605	.1669	.1717	.1754	240.
270.	.1559	.1532	.1540	.1575	.1424	.1445	.1457	.1469	.1473	.1439	.1506	.1533	.1567	270.
300.	.1414	.1363	.1377	.1391	.1272	.1267	.1264	.1297	.1293	.1322	.1384	.1351	.1357	300.
320.	.1219	.1126	.1160	.1172	.1082	.1101	.1084	.1092	.1099	.1070	.1041	.1123	.1188	320.
330.	.1048	.1026	.1020	.1003	.0947	.0981	.0973	.0984	.0963	.0958	.0947	.0955	.1027	330.
340.	.0839	.0838	.0839	.0859	.0858	.0812	.0815	.0802	.0803	.0784	.0757	.0812	.0866	340.
350.	.0635	.0583	.0513	.0494	.0599	.0466	.0488	.0457	.0466	.0491	.0480	.0508	.0525	350.
						FOR ALPHA = 20.50 DEG								
0.	-.0036	-.0054	-.0053	-.0051	-.0048	-.0101	-.0084	-.0085	-.0081	-.0088	-.0095	-.0081	-.0091	0.
10.	.0209	.0092	.0070	.0053	.0136	.0029	.0045	.0030	.0028	.0038	.0038	.0064	.0077	10.
20.	.0009	.0021	.0030	.0047	.0045	.0008	.0010	.0006	-.0008	-.0019	-.0021	.0032	.0041	20.
30.	-.0042	-.0042	-.0045	-.0053	-.0068	-.0069	-.0077	-.0070	-.0092	-.0090	-.0095	-.0072	-.0028	30.
40.	-.0070	-.0098	-.0093	-.0090	-.0143	-.0121	-.0140	-.0129	-.0134	-.0155	-.0170	-.0108	-.0082	40.
60.	-.0201	-.0198	-.0178	-.0157	-.0224	-.0221	-.0229	-.0210	-.0192	-.0204	-.0155	-.0149	-.0164	60.
90.	-.0329	-.0339	-.0319	-.0295	-.0358	-.0341	-.0329	-.0328	-.0344	-.0327	-.0308	-.0258	-.0256	90.
120.	-.0183	-.0209	-.0196	-.0194	-.0215	-.0194	-.0205	-.0215	-.0200	-.0255	-.0207	-.0172	-.0146	120.
140.	-.0017	-.0035	-.0005	.0013	-.0046	-.0014	.0002	.0022	.0004	.0006	.0015	.0047	.0082	140.
150.	.0249	.0235	.0253	.0219	.0206	.0253	.0270	.0291	.0274	.0278	.0283	.0285	.0312	150.
160.	.0858	.0870	.0875	.0891	.0871	.0807	.0883	.0902	.0834	.0859	.0850	.0878	.0866	160.
170.	.2400	.2443	.2324	.2285	.2337	.2087	.2066	.2114	.2076	.2065	.2080	.2114	.2132	170.
180.	.7181	.7095	.7086	.7033	.7062	.7079	.7101	.7073	.7037	.7014	.6995	.7072	.6971	180.
190.	.4930	.5004	.4876	.4815	.4976	.4829	.4787	.4848	.4765	.4751	.4762	.4829	.4814	190.
200.	.3353	.3374	.3336	.3335	.3332	.3254	.3222	.3243	.3131	.3163	.3098	.3179	.3216	200.
210.	.2516	.2460	.2484	.2473	.2351	.2457	.2459	.2434	.2436	.2471	.2413	.2431	.2471	210.
220.	.2189	.2103	.2181	.2207	.2137	.2120	.2096	.2107	.2113	.2121	.2069	.2148	.2199	220.
240.	.1912	.1775	.1797	.1825	.1754	.1716	.1682	.1645	.1613	.1618	.1692	.1702	.1801	240.
270.	.1514	.1456	.1494	.1514	.1364	.1376	.1403	.1413	.1410	.1386	.1435	.1462	.1516	270.
300.	.1290	.1226	.1250	.1231	.1131	.1133	.1144	.1159	.1167	.1180	.1235	.1205	.1225	300.
320.	.0967	.0903	.0918	.0941	.0865	.0858	.0848	.0848	.0871	.0828	.0795	.0859	.0900	320.
330.	.0739	.0716	.0717	.0685	.0653	.0659	.0651	.0656	.0658	.0652	.0638	.0675	.0713	330.
340.	.0437	.0411	.0422	.0436	.0456	.0417	.0425	.0404	.0395	.0405	.0376	.0435	.0461	340.
350.	.0157	.0075	.0042	.0001	.0087	-.0013	-.0006	-.0020	-.0030	-.0016	.0001	.0016	.0052	350.

TABLE III. - CONTINUED

(I) MACH = 3.95, BETA = .00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.35 DEG								
0.	.3087	.3141	.3192	.3143	.3166	.3221	.3264	.3260	.3294	.3280	.3264	.3274	.3269	.3317
10.			.1466	.1600	.1633		.1729	.1719	.1718	.1753	.1739	.1735	.1746	.1765
20.		.1183	.1037	.1017	.0968	.0977	.1027	.1035	.1061	.1055	.1031	.1025	.1064	.1091
30.				.0787	.0759	.0747	.0781	.0813	.0812	.0821	.0830	.0804	.0867	.0865
40.	.0951	.0793	.0732	.0672	.0680	.0671	.0705	.0722	.0747	.0757	.0746	.0728	.0750	.0772
60.			.0620		.0618	.0642	.0651	.0658	.0674	.0686	.0694	.0684	.0678	.0698
90.	.0867	.0725	.0621	.0607	.0610	.0607	.0629	.0634	.0626	.0632	.0628	.0648	.0661	.0655
120.			.0603		.0571	.0590	.0628	.0645	.0635	.0635	.0641	.0640	.0627	.0643
140.	.1096	.0702	.0557	.0559	.0561	.0586	.0623	.0635	.0642	.0651	.0646	.0617	.0622	.0645
150.				.0588	.0582	.0575	.0618	.0631	.0634	.0653	.0639	.0608	.0643	.0656
160.		.0690	.0594	.0614	.0610	.0605	.0650	.0660	.0679	.0673	.0648	.0638	.0675	.0685
170.			.0682	.0753	.0753	.0751	.0809	.0803	.0805	.0816	.0791	.0779	.0785	.0795
180.	.1984	.1151	.1181	.1151	.1129	.1145	.1186	.1183	.1203	.1192	.1167	.1163	.1155	.1173
						FOR ALPHA = -1.34 DEG								
0.	.2271	.2319	.2332	.2259	.2285	.2339	.2374	.2379	.2414	.2419	.2421	.2447	.2439	.2466
10.			.1135	.1220	.1238		.1325	.1316	.1322	.1355	.1347	.1354	.1366	.1379
20.		.1004	.0811	.0797	.0789	.0821	.0852	.0868	.0899	.0893	.0877	.0876	.0923	.0947
30.				.0701	.0677	.0677	.0718	.0738	.0746	.0770	.0777	.0738	.0789	.0805
40.	.0907	.0787	.0679	.0658	.0656	.0642	.0681	.0702	.0711	.0722	.0731	.0707	.0721	.0750
60.			.0644		.0632	.0627	.0655	.0661	.0661	.0672	.0687	.0688	.0683	.0705
90.	.0913	.0764	.0646	.0635	.0633	.0622	.0636	.0642	.0644	.0664	.0661	.0686	.0701	.0691
120.			.0609		.0617	.0625	.0655	.0671	.0669	.0678	.0693	.0691	.0679	.0697
140.	.1155	.0700	.0631	.0640	.0638	.0641	.0673	.0684	.0689	.0696	.0702	.0685	.0700	.0725
150.				.0653	.0655	.0655	.0695	.0711	.0706	.0727	.0725	.0691	.0742	.0750
160.		.0834	.0702	.0738	.0742	.0738	.0776	.0797	.0817	.0803	.0780	.0778	.0811	.0819
170.			.0923	.1034	.1041	.1041	.1100	.1087	.1091	.1105	.1086	.1078	.1086	.1091
180.	.2527	.1804	.1811	.1786	.1781	.1818	.1842	.1834	.1862	.1847	.1830	.1830	.1821	.1839
						FOR ALPHA = -.34 DEG								
0.	.2081	.2121	.2143	.2068	.2089	.2136	.2174	.2182	.2227	.2238	.2232	.2247	.2235	.2259
10.			.1068	.1134	.1152		.1236	.1230	.1240	.1272	.1266	.1269	.1277	.1284
20.		.0963	.0774	.0778	.0778	.0787	.0830	.0839	.0870	.0865	.0850	.0850	.0894	.0913
30.				.0681	.0673	.0663	.0696	.0733	.0737	.0754	.0764	.0728	.0780	.0790
40.	.0876	.0782	.0663	.0649	.0641	.0642	.0679	.0699	.0706	.0715	.0723	.0699	.0717	.0744
60.			.0639		.0628	.0615	.0646	.0657	.0659	.0669	.0692	.0691	.0686	.0707
90.	.0923	.0771	.0640	.0642	.0624	.0617	.0641	.0649	.0636	.0657	.0668	.0694	.0708	.0697
120.			.0631		.0638	.0631	.0654	.0676	.0676	.0687	.0703	.0703	.0694	.0708
140.	.1299	.0707	.0650	.0658	.0651	.0650	.0678	.0694	.0698	.0716	.0725	.0702	.0719	.0744
150.				.0684	.0668	.0658	.0708	.0726	.0733	.0753	.0751	.0715	.0765	.0777
160.		.0869	.0737	.0764	.0757	.0769	.0817	.0829	.0852	.0843	.0821	.0812	.0849	.0863
170.			.0983	.1104	.1114	.1119	.1185	.1176	.1179	.1193	.1175	.1168	.1175	.1179
180.	.2661	.1984	.1995	.1945	.1967	.2003	.2039	.2033	.2058	.2040	.2022	.2021	.2008	.2031
						FOR ALPHA = .65 DEG								
0.	.1902	.1939	.1970	.1895	.1913	.1954	.1997	.2006	.2052	.2057	.2045	.2052	.2039	.2062
10.			.1017	.1061	.1077		.1155	.1153	.1165	.1191	.1184	.1181	.1185	.1193
20.		.0926	.0752	.0767	.0753	.0767	.0797	.0817	.0837	.0833	.0822	.0818	.0856	.0876
30.				.0674	.0671	.0657	.0693	.0720	.0719	.0741	.0744	.0714	.0764	.0778
40.	.0853	.0779	.0651	.0643	.0632	.0648	.0668	.0682	.0700	.0704	.0716	.0693	.0711	.0739
60.			.0645		.0626	.0614	.0627	.0634	.0653	.0674	.0697	.0693	.0684	.0708
90.	.0924	.0767	.0643	.0645	.0632	.0624	.0648	.0654	.0652	.0671	.0669	.0693	.0706	.0696
120.			.0630		.0648	.0644	.0663	.0688	.0691	.0698	.0706	.0707	.0700	.0716
140.	.1411	.0720	.0685	.0662	.0666	.0662	.0692	.0714	.0725	.0737	.0740	.0719	.0733	.0755
150.				.0710	.0677	.0680	.0730	.0758	.0759	.0777	.0776	.0738	.0788	.0795
160.		.0900	.0770	.0789	.0788	.0808	.0850	.0870	.0898	.0889	.0862	.0852	.0888	.0909
170.			.1046	.1185	.1195	.1198	.1272	.1270	.1274	.1293	.1268	.1258	.1264	.1268
180.	.2789	.2169	.2171	.2131	.2151	.2196	.2232	.2235	.2263	.2245	.2215	.2213	.2201	.2220
						FOR ALPHA = 1.65 DEG								
0.	.1735	.1766	.1797	.1728	.1727	.1778	.1824	.1839	.1872	.1868	.1855	.1860	.1851	.1869
10.			.0960	.0994	.1027		.1079	.1079	.1088	.1112	.1098	.1093	.1099	.1107
20.		.0889	.0724	.0750	.0731	.0735	.0785	.0791	.0804	.0807	.0784	.0784	.0818	.0827
30.				.0661	.0658	.0637	.0676	.0705	.0702	.0729	.0715	.0698	.0755	.0765
40.	.0841	.0771	.0637	.0639	.0626	.0636	.0660	.0683	.0683	.0696	.0699	.0681	.0698	.0733
60.			.0638		.0623	.0608	.0622	.0622	.0639	.0668	.0692	.0691	.0683	.0707
90.	.0917	.0760	.0639	.0641	.0636	.0624	.0644	.0652	.0649	.0666	.0664	.0692	.0705	.0697
120.			.0614		.0659	.0652	.0672	.0688	.0687	.0693	.0709	.0707	.0705	.0725
140.	.1454	.0735	.0713	.0670	.0676	.0670	.0710	.0730	.0736	.0748	.0758	.0734	.0746	.0768
150.				.0743	.0702	.0691	.0750	.0767	.0775	.0797	.0805	.0763	.0811	.0824
160.		.0930	.0815	.0847	.0835	.0848	.0882	.0897	.0931	.0921	.0902	.0895	.0943	.0956
170.			.1123	.1266	.1286	.1287	.1363	.1356	.1365	.1391	.1374	.1363	.1366	.1371
180.	.2917	.2370	.2361	.2326	.2356	.2402	.2433	.2438	.2472	.2455	.2432	.2423	.2407	.2427
						FOR ALPHA = 2.65 DEG								
0.	.1576	.1604	.1636	.1585	.1563	.1618	.1659	.1667	.1697	.1695	.1679	.1682	.1673	.1694
10.			.0907	.0934	.0954		.1013	.1008	.1016	.1040	.1021	.1011	.1022	.1029
20.		.0855	.0700	.0733	.0714	.0690	.0762	.0750	.0782	.0782	.0756	.0750	.0778	.0801
30.				.0647	.0640	.0633	.0673	.0698	.0690	.0706	.0711	.0675	.0729	.0745
40.	.0832	.0766	.0633	.0627	.0624	.0624	.0653	.0660	.0680	.0689	.0696	.0677	.0692	.0720
60.			.0636		.0620	.0606	.0616	.0601	.0607	.0650	.0694	.0698	.0688	.0706
90.	.0907	.0748	.0648	.0646	.0640	.0626	.0646	.0650	.0644	.0657	.0656	.0684	.0702	.0696
120.			.0641		.0663	.0658	.0681	.0690	.0690	.0695	.0711	.0708	.0703	.0725
140.	.1455	.0757	.0726	.0680	.0683	.0677	.0720	.0736	.0753	.0761	.0769	.0739	.0751	.0772
150.				.0765	.0734	.0708	.0774	.0781	.0794	.0815	.0817	.0775	.0829	.0844
160.		.0960	.0872	.0906	.0886	.0877	.0924	.0944	.0972	.0956	.0942	.0933	.0969	.0988
170.			.1214	.1353	.1377	.1383	.1470	.1451	.1465	.1491	.1473	.1460	.1463	.1470
180.	.3064	.2579	.2602	.2530	.2573	.2617	.2647	.2647	.2690	.2676	.2656	.2643	.2616	.2643

TABLE III. - CONTINUED

(I) MACH = 3.95, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.35 DEG								
0.	.3341	.3323	.3357	.3332	.3335	.3379	.3396	.3394	.3389	.3339	.3307	.3376	.3347	0.
10.	.1682	.1762	.1721	.1689	.1768	.1759	.1760	.1774	.1753	.1761	.1753	.1772	.1787	10.
20.	.1036	.1044	.1059	.1055	.1070	.1121	.1137	.1144	.1116	.1099	.1088	.1120	.1140	20.
30.	.0808	.0801	.0804	.0808	.0827	.0870	.0884	.0898	.0884	.0862	.0853	.0854	.0878	30.
40.	.0745		.0716	.0719	.0762	.0772	.0787	.0798	.0800	.0770	.0756	.0777	.0813	40.
60.	.0669	.0637	.0650	.0651	.0692	.0701	.0702	.0708	.0663	.0665	.0700	.0731	.0763	60.
90.	.0641	.0619	.0626	.0636	.0632	.0638	.0647	.0646	.0624	.0613	.0640	.0671	.0695	90.
120.	.0627	.0600	.0605	.0603	.0613	.0611	.0609	.0614	.0603	.0594	.0621	.0640	.0654	120.
140.	.0631		.0588	.0585	.0595	.0604	.0612	.0617	.0612	.0598	.0578	.0597	.0621	140.
150.	.0620	.0606	.0598	.0585	.0604	.0615	.0616	.0623	.0609	.0604	.0588	.0595	.0609	150.
160.	.0672	.0650	.0642	.0637	.0621	.0649	.0661	.0651	.0636	.0626	.0606	.0640	.0653	160.
170.	.0768	.0799	.0763	.0742	.0795	.0781	.0783	.0786	.0766	.0764	.0765	.0775	.0783	170.
180.	.1179	.1162	.1158	.1145	.1142	.1152	.1157	.1160	.1152	.1141	.1116	.1150	.1131	180.
						FOR ALPHA = -1.34 DEG								
0.	.2480	.2449	.2448	.2419	.2414	.2452	.2458	.2461	.2471	.2444	.2427	.2480	.2454	0.
10.	.1312	.1370	.1326	.1288	.1358	.1354	.1355	.1368	.1340	.1345	.1350	.1377	.1403	10.
20.	.0907	.0919	.0909	.0910	.0915	.0951	.0964	.0957	.0946	.0921	.0911	.0947	.0960	20.
30.	.0760	.0753	.0759	.0744	.0768	.0798	.0800	.0812	.0799	.0784	.0769	.0774	.0793	30.
40.	.0725		.0699	.0702	.0731	.0746	.0753	.0762	.0759	.0735	.0714	.0735	.0764	40.
60.	.0688	.0658	.0669	.0665	.0693	.0700	.0699	.0705	.0675	.0670	.0699	.0727	.0751	60.
90.	.0677	.0654	.0658	.0665	.0659	.0665	.0674	.0673	.0652	.0643	.0673	.0703	.0727	90.
120.	.0681	.0653	.0656	.0648	.0667	.0667	.0667	.0667	.0643	.0639	.0668	.0687	.0707	120.
140.	.0703		.0661	.0659	.0679	.0690	.0700	.0704	.0698	.0672	.0650	.0665	.0690	140.
150.	.0705	.0688	.0689	.0674	.0698	.0722	.0725	.0731	.0711	.0694	.0682	.0684	.0701	150.
160.	.0795	.0778	.0774	.0769	.0760	.0805	.0809	.0807	.0781	.0765	.0764	.0799	.0804	160.
170.	.1042	.1078	.1042	.1000	.1064	.1053	.1060	.1064	.1038	.1038	.1043	.1056	.1069	170.
180.	.1839	.1807	.1800	.1776	.1772	.1794	.1802	.1806	.1797	.1776	.1750	.1790	.1762	180.
						FOR ALPHA = -.34 DEG								
0.	.2270	.2233	.2229	.2200	.2197	.2242	.2257	.2270	.2275	.2238	.2223	.2271	.2249	0.
10.	.1215	.1269	.1229	.1192	.1257	.1267	.1269	.1283	.1258	.1253	.1266	.1284	.1298	10.
20.	.0865	.0866	.0860	.0866	.0856	.0917	.0936	.0932	.0911	.0887	.0869	.0913	.0924	20.
30.	.0733	.0726	.0735	.0726	.0762	.0792	.0799	.0811	.0792	.0766	.0752	.0757	.0774	30.
40.	.0714		.0682	.0687	.0731	.0746	.0756	.0767	.0762	.0727	.0704	.0724	.0752	40.
60.	.0685	.0655	.0663	.0659	.0700	.0706	.0706	.0712	.0669	.0667	.0698	.0722	.0743	60.
90.	.0677	.0653	.0659	.0664	.0662	.0668	.0678	.0678	.0654	.0647	.0678	.0708	.0731	90.
120.	.0689	.0658	.0664	.0655	.0666	.0668	.0668	.0670	.0651	.0648	.0682	.0705	.0724	120.
140.	.0716		.0674	.0672	.0683	.0696	.0706	.0710	.0704	.0692	.0667	.0686	.0709	140.
150.	.0724	.0707	.0709	.0696	.0708	.0737	.0742	.0751	.0728	.0721	.0704	.0707	.0724	150.
160.	.0823	.0820	.0800	.0797	.0800	.0830	.0840	.0837	.0807	.0812	.0800	.0830	.0847	160.
170.	.1122	.1166	.1124	.1082	.1145	.1124	.1130	.1136	.1110	.1122	.1126	.1143	.1159	170.
180.	.2035	.2000	.1988	.1960	.1955	.1969	.1981	.1978	.1973	.1961	.1941	.1982	.1948	180.
						FOR ALPHA = .65 DEG								
0.	.2072	.2038	.2034	.2002	.2001	.2047	.2066	.2079	.2083	.2049	.2027	.2077	.2057	0.
10.	.1132	.1183	.1147	.1105	.1172	.1175	.1182	.1192	.1175	.1171	.1180	.1200	.1220	10.
20.	.0824	.0828	.0818	.0819	.0817	.0876	.0895	.0891	.0870	.0854	.0837	.0876	.0892	20.
30.	.0728	.0715	.0719	.0710	.0746	.0770	.0779	.0792	.0777	.0751	.0736	.0740	.0758	30.
40.	.0713		.0678	.0677	.0715	.0726	.0740	.0751	.0751	.0719	.0695	.0713	.0739	40.
60.	.0687	.0660	.0666	.0657	.0692	.0691	.0696	.0701	.0669	.0665	.0694	.0718	.0740	60.
90.	.0678	.0658	.0663	.0669	.0668	.0673	.0685	.0684	.0658	.0647	.0678	.0709	.0732	90.
120.	.0695	.0663	.0672	.0664	.0686	.0686	.0686	.0690	.0657	.0651	.0686	.0710	.0728	120.
140.	.0728		.0687	.0686	.0709	.0717	.0727	.0737	.0730	.0701	.0679	.0699	.0721	140.
150.	.0741	.0725	.0729	.0717	.0741	.0762	.0772	.0780	.0756	.0737	.0722	.0725	.0739	150.
160.	.0864	.0859	.0845	.0845	.0837	.0872	.0891	.0884	.0856	.0849	.0826	.0873	.0881	160.
170.	.1207	.1256	.1210	.1171	.1237	.1218	.1224	.1230	.1205	.1203	.1212	.1226	.1245	170.
180.	.2227	.2195	.2187	.2153	.2150	.2170	.2180	.2183	.2173	.2146	.2125	.2171	.2138	180.
						FOR ALPHA = 1.65 DEG								
0.	.1882	.1839	.1837	.1807	.1815	.1857	.1879	.1883	.1882	.1857	.1842	.1890	.1871	0.
10.	.1048	.1091	.1060	.1017	.1088	.1085	.1095	.1101	.1087	.1088	.1098	.1114	.1131	10.
20.	.0792	.0784	.0786	.0785	.0786	.0834	.0845	.0842	.0824	.0813	.0805	.0842	.0859	20.
30.	.0708	.0693	.0692	.0683	.0720	.0745	.0749	.0757	.0745	.0729	.0717	.0718	.0741	30.
40.	.0703		.0665	.0668	.0697	.0710	.0720	.0726	.0726	.0702	.0680	.0696	.0727	40.
60.	.0678	.0650	.0657	.0657	.0683	.0685	.0682	.0687	.0663	.0659	.0689	.0707	.0731	60.
90.	.0678	.0655	.0660	.0669	.0662	.0665	.0673	.0672	.0659	.0651	.0677	.0707	.0729	90.
120.	.0701	.0667	.0680	.0672	.0684	.0684	.0682	.0682	.0666	.0659	.0691	.0716	.0739	120.
140.	.0740		.0701	.0699	.0712	.0720	.0727	.0732	.0725	.0714	.0691	.0711	.0735	140.
150.	.0771	.0752	.0752	.0736	.0743	.0767	.0769	.0777	.0758	.0754	.0739	.0743	.0757	150.
160.	.0923	.0925	.0912	.0902	.0895	.0921	.0921	.0913	.0891	.0880	.0867	.0899	.0909	160.
170.	.1304	.1359	.1308	.1266	.1332	.1308	.1304	.1316	.1282	.1301	.1301	.1322	.1339	170.
180.	.2436	.2407	.2400	.2365	.2356	.2368	.2371	.2372	.2362	.2354	.2329	.2379	.2350	180.
						FOR ALPHA = 2.65 DEG								
0.	.1700	.1661	.1656	.1632	.1645	.1707	.1720	.1724	.1726	.1681	.1663	.1710	.1694	0.
10.	.0977	.1012	.0983	.0942	.1009	.1032	.1040	.1049	.1032	.1011	.1016	.1031	.1050	10.
20.	.0754	.0763	.0753	.0753	.0751	.0820	.0828	.0822	.0814	.0777	.0763	.0807	.0821	20.
30.	.0694	.0682	.0684	.0670	.0717	.0740	.0746	.0754	.0741	.0705	.0688	.0696	.0718	30.
40.	.0694		.0655	.0653	.0700	.0713	.0724	.0731	.0728	.0683	.0659	.0677	.0707	40.
60.	.0678	.0649	.0654	.0649	.0694	.0696	.0694	.0700	.0652	.0648	.0678	.0699	.0719	60.
90.	.0681	.0656	.0658	.0667	.0669	.0672	.0680	.0682	.0655	.0647	.0675	.0707	.0729	90.
120.	.0709	.0671	.0683	.0677	.0687	.0686	.0684	.0687	.0665	.0663	.0693	.0724	.0748	120.
140.	.0751		.0713	.0713	.0722	.0730	.0735	.0741	.0733	.0728	.0703	.0723	.0751	140.
150.	.0795	.0775	.0771	.0755	.0761	.0785	.0784	.0794	.0780	.0781	.0761	.0762	.0780	150.
160.	.0965	.0957	.0942	.0933	.0924	.0961	.0961	.0956	.0940	.0933	.0901	.0941	.0958	160.
170.	.1403	.1461	.1406	.1362	.1430	.1403	.1395	.1408	.1374	.1396	.1392	.1415	.1441	170.
180.	.2651	.2626	.2618	.2581	.2571	.2579	.2577	.2586	.2575	.2566	.2535	.2590	.2555	180.

TABLE III. - CONTINUED

(I) MACH = 3.95, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 4.65 DEG								
0.	.1291	.1312	.1359	.1319	.1280	.1310	.1348	.1353	.1377	.1374	.1355	.1357	.1343	.1359
10.			.0812	.0848	.0812		.0883	.0880	.0880	.0895	.0876	.0868	.0876	.0881
20.		.0788	.0657	.0688	.0655	.0656	.0691	.0716	.0721	.0713	.0687	.0687	.0720	.0741
30.				.0627	.0617	.0611	.0646	.0667	.0667	.0678	.0673	.0640	.0686	.0707
40.	.0805	.0752	.0623	.0618	.0606	.0611	.0633	.0626	.0644	.0675	.0688	.0658	.0669	.0695
60.			.0642		.0605	.0600	.0617	.0616	.0627	.0644	.0668	.0673	.0667	.0684
90.	.0909	.0727	.0629	.0647	.0632	.0622	.0644	.0648	.0639	.0646	.0641	.0664	.0683	.0679
120.			.0643		.0660	.0657	.0671	.0681	.0694	.0705	.0721	.0707	.0704	.0724
140.	.1461	.0785	.0741	.0704	.0685	.0681	.0737	.0746	.0763	.0780	.0778	.0748	.0766	.0787
150.				.0791	.0762	.0763	.0798	.0817	.0832	.0838	.0845	.0819	.0871	.0884
160.		.1021	.1030	.1007	.0966	.0962	.1015	.1036	.1050	.1046	.1028	.1030	.1074	.1086
170.			.1423	.1553	.1580	.1589	.1680	.1665	.1672	.1703	.1690	.1685	.1684	.1688
180.	.3389	.3030	.3062	.3020	.3022	.3073	.3108	.3107	.3141	.3132	.3117	.3113	.3086	.3105
						FOR ALPHA = 9.65 DEG								
0.	.0756	.0762	.0798	.0729	.0708	.0715	.0737	.0731	.0744	.0744	.0728	.0735	.0730	.0749
10.			.0582	.0570	.0574		.0593	.0594	.0595	.0597	.0577	.0571	.0584	.0595
20.		.0658	.0538	.0536	.0523	.0522	.0536	.0532	.0558	.0562	.0548	.0539	.0567	.0576
30.				.0533	.0518	.0508	.0533	.0524	.0532	.0568	.0570	.0539	.0574	.0588
40.	.0679	.0648	.0536	.0530	.0516	.0525	.0547	.0544	.0553	.0581	.0588	.0556	.0567	.0594
60.			.0583		.0528	.0541	.0572	.0569	.0564	.0564	.0584	.0586	.0575	.0593
90.	.0950	.0659	.0590	.0591	.0611	.0596	.0599	.0606	.0599	.0617	.0601	.0618	.0632	.0626
120.			.0623		.0653	.0644	.0654	.0686	.0694	.0703	.0704	.0703	.0714	.0742
140.	.1583	.0834	.0805	.0787	.0772	.0742	.0772	.0799	.0788	.0807	.0795	.0799	.0824	.0824
150.				.0885	.0858	.0870	.0927	.0923	.0945	.0945	.0940	.0937	.0955	.0985
160.		.1312	.1343	.1224	.1220	.1234	.1259	.1298	.1313	.1300	.1273	.1270	.1316	.1352
170.			.2006	.2097	.2136	.2129	.2237	.2226	.2240	.2271	.2269	.2265	.2274	.2276
180.	.4355	.4222	.4129	.4293	.4276	.4324	.4363	.4366	.4427	.4392	.4375	.4383	.4357	.4390
						FOR ALPHA = 14.65 DEG								
0.	.0433	.0443	.0398	.0365	.0356	.0356	.0372	.0371	.0382	.0387	.0383	.0385	.0381	.0394
10.			.0347	.0355	.0346		.0371	.0362	.0357	.0357	.0358	.0364	.0372	.0384
20.		.0442	.0367	.0358	.0347	.0358	.0382	.0385	.0395	.0380	.0366	.0368	.0392	.0401
30.				.0360	.0368	.0373	.0407	.0407	.0399	.0412	.0398	.0373	.0400	.0421
40.	.0553	.0469	.0398	.0387	.0385	.0418	.0451	.0423	.0416	.0425	.0436	.0409	.0417	.0445
60.			.0456		.0430	.0447	.0443	.0449	.0449	.0462	.0478	.0486	.0471	.0499
90.	.0893	.0632	.0529	.0528	.0556	.0523	.0538	.0548	.0537	.0543	.0538	.0563	.0572	.0570
120.			.0629		.0678	.0669	.0701	.0711	.0714	.0743	.0711	.0728	.0736	.0753
140.	.1715	.0966	.0873	.0886	.0853	.0855	.0894	.0916	.0914	.0935	.0910	.0876	.0915	.0902
150.				.1098	.1063	.1072	.1112	.1132	.1127	.1114	.1137	.1131	.1144	.1180
160.		.1608	.1676	.1531	.1541	.1549	.1605	.1625	.1645	.1611	.1620	.1593	.1669	.1664
170.			.2577	.2732	.2760	.2763	.2884	.2873	.2878	.2915	.2913	.2909	.2922	.2928
180.	.5734	.5635	.5495	.5797	.5718	.5793	.5828	.5813	.5859	.5813	.5773	.5778	.5754	.5810
						FOR ALPHA = 19.65 DEG								
0.	.0271	.0273	.0237	.0198	.0190	.0184	.0187	.0180	.0183	.0199	.0204	.0207	.0208	.0218
10.			.0173	.0163	.0161		.0184	.0176	.0165	.0182	.0162	.0159	.0169	.0181
20.		.0234	.0183	.0171	.0171	.0182	.0212	.0197	.0189	.0185	.0167	.0166	.0186	.0195
30.				.0205	.0214	.0224	.0243	.0214	.0224	.0232	.0224	.0201	.0224	.0236
40.	.0405	.0316	.0248	.0227	.0230	.0283	.0271	.0273	.0266	.0288	.0297	.0260	.0285	.0305
60.			.0378		.0392	.0335	.0361	.0363	.0357	.0372	.0406	.0406	.0386	.0398
90.	.0915	.0617	.0515	.0559	.0545	.0530	.0542	.0506	.0558	.0555	.0536	.0548	.0547	.0565
120.			.0808		.0744	.0750	.0743	.0793	.0774	.0791	.0789	.0821	.0789	.0837
140.	.1925	.1097	.1065	.1034	.1019	.0973	.1037	.1049	.1036	.1034	.1047	.1059	.1073	.1104
150.				.1270	.1285	.1285	.1332	.1340	.1304	.1330	.1376	.1349	.1411	.1420
160.		.1886	.1951	.1894	.1869	.1914	.1940	.1956	.1980	.1958	.1938	.1906	.1991	.1985
170.			.3092	.3394	.3428	.3406	.3537	.3513	.3529	.3589	.3577	.3579	.3594	.3608
180.	.7315	.7217	.7057	.7377	.7283	.7366	.7361	.7344	.7407	.7363	.7297	.7305	.7283	.7349

TABLE III. - CONTINUED

(I) MACH = 3.95, BETA = .00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 4.65 DEG								
0.	.1362	.1334	.1336	.1326	.1334	.1378	.1385	.1389	.1390	.1364	.1352	.1388	.1374	0.
10.	.0834	.0863	.0836	.0810	.0865	.0887	.0897	.0902	.0881	.0872	.0881	.0892	.0913	10.
20.	.0702	.0702	.0692	.0690	.0682	.0735	.0748	.0741	.0725	.0704	.0694	.0734	.0751	20.
30.	.0656	.0644	.0638	.0630	.0667	.0688	.0688	.0695	.0682	.0663	.0648	.0654	.0673	30.
40.	.0665		.0621	.0623	.0655	.0669	.0673	.0682	.0676	.0647	.0625	.0643	.0670	40.
60.	.0653	.0623	.0629	.0628	.0661	.0661	.0657	.0666	.0637	.0632	.0657	.0679	.0694	60.
90.	.0666	.0643	.0651	.0660	.0658	.0660	.0668	.0668	.0647	.0637	.0664	.0696	.0716	90.
120.	.0707	.0665	.0678	.0675	.0694	.0697	.0694	.0694	.0667	.0663	.0693	.0724	.0751	120.
140.	.0771		.0728	.0732	.0744	.0752	.0754	.0762	.0757	.0743	.0722	.0748	.0775	140.
150.	.0841	.0812	.0806	.0795	.0805	.0822	.0830	.0846	.0826	.0817	.0802	.0805	.0820	150.
160.	.1041	.1041	.1022	.1009	.1012	.1040	.1041	.1040	.1023	.1018	.0993	.1034	.1048	160.
170.	.1608	.1678	.1617	.1567	.1634	.1608	.1605	.1610	.1576	.1586	.1592	.1617	.1637	170.
180.	.3109	.3084	.3079	.3038	.3027	.3029	.3032	.3028	.3025	.3000	.2979	.3038	.2999	180.
						FOR ALPHA = 9.65 DEG								
0.	.0755	.0731	.0734	.0724	.0726	.0757	.0767	.0773	.0774	.0756	.0743	.0766	.0759	0.
10.	.0579	.0595	.0581	.0560	.0603	.0611	.0611	.0618	.0604	.0586	.0592	.0605	.0617	10.
20.	.0554	.0535	.0532	.0530	.0529	.0565	.0578	.0571	.0560	.0539	.0524	.0554	.0569	20.
30.	.0541	.0529	.0521	.0504	.0547	.0560	.0561	.0567	.0558	.0539	.0525	.0531	.0547	30.
40.	.0564		.0528	.0523	.0548	.0556	.0560	.0565	.0563	.0538	.0518	.0539	.0567	40.
60.	.0573	.0554	.0560	.0554	.0578	.0574	.0570	.0576	.0559	.0552	.0582	.0598	.0608	60.
90.	.0613	.0596	.0607	.0614	.0607	.0612	.0619	.0619	.0599	.0590	.0619	.0645	.0667	90.
120.	.0724	.0672	.0686	.0679	.0697	.0710	.0708	.0702	.0661	.0655	.0693	.0719	.0748	120.
140.	.0783		.0776	.0783	.0811	.0821	.0830	.0828	.0832	.0811	.0792	.0820	.0844	140.
150.	.0945	.0918	.0912	.0879	.0882	.0946	.0950	.0949	.0932	.0936	.0936	.0925	.0942	150.
160.	.1297	.1325	.1279	.1279	.1281	.1315	.1326	.1312	.1291	.1261	.1261	.1291	.1296	160.
170.	.2182	.2260	.2179	.2136	.2209	.2152	.2156	.2154	.2119	.2120	.2119	.2163	.2171	170.
180.	.4392	.4353	.4335	.4290	.4280	.4289	.4284	.4281	.4268	.4233	.4206	.4281	.4224	180.
						FOR ALPHA = 14.65 DEG								
0.	.0399	.0378	.0382	.0375	.0370	.0396	.0400	.0405	.0404	.0391	.0382	.0396	.0390	0.
10.	.0372	.0379	.0359	.0342	.0380	.0383	.0385	.0389	.0384	.0373	.0379	.0387	.0393	10.
20.	.0384	.0366	.0363	.0364	.0356	.0386	.0395	.0393	.0384	.0372	.0361	.0384	.0396	20.
30.	.0394	.0382	.0376	.0363	.0399	.0398	.0399	.0408	.0399	.0385	.0374	.0378	.0393	30.
40.	.0425		.0393	.0386	.0407	.0420	.0419	.0423	.0416	.0397	.0379	.0397	.0421	40.
60.	.0478	.0456	.0448	.0442	.0458	.0456	.0456	.0466	.0458	.0447	.0474	.0486	.0493	60.
90.	.0550	.0529	.0540	.0544	.0542	.0546	.0564	.0565	.0542	.0537	.0567	.0587	.0605	90.
120.	.0727	.0691	.0722	.0715	.0729	.0755	.0749	.0747	.0693	.0684	.0714	.0748	.0769	120.
140.	.0896		.0861	.0873	.0894	.0913	.0941	.0937	.0930	.0910	.0894	.0925	.0948	140.
150.	.1140	.1104	.1092	.1096	.1074	.1118	.1118	.1139	.1131	.1116	.1120	.1109	.1141	150.
160.	.1622	.1646	.1659	.1603	.1601	.1650	.1676	.1658	.1612	.1588	.1577	.1625	.1640	160.
170.	.2823	.2924	.2829	.2778	.2833	.2766	.2765	.2770	.2725	.2713	.2725	.2767	.2781	170.
180.	.5821	.5780	.5752	.5693	.5683	.5697	.5693	.5696	.5655	.5616	.5590	.5677	.5606	180.
						FOR ALPHA = 19.65 DEG								
0.	.0217	.0195	.0195	.0187	.0185	.0206	.0210	.0213	.0213	.0199	.0195	.0203	.0201	0.
10.	.0181	.0175	.0168	.0156	.0185	.0191	.0194	.0192	.0187	.0171	.0174	.0180	.0190	10.
20.	.0170	.0159	.0163	.0168	.0162	.0191	.0197	.0195	.0187	.0169	.0160	.0176	.0186	20.
30.	.0211	.0207	.0197	.0183	.0226	.0212	.0214	.0221	.0213	.0192	.0183	.0187	.0201	30.
40.	.0270		.0243	.0242	.0265	.0273	.0269	.0272	.0266	.0237	.0220	.0238	.0258	40.
60.	.0377	.0368	.0366	.0363	.0381	.0380	.0378	.0388	.0379	.0361	.0385	.0400	.0405	60.
90.	.0536	.0527	.0527	.0551	.0543	.0549	.0558	.0566	.0537	.0534	.0562	.0586	.0604	90.
120.	.0827	.0780	.0771	.0783	.0813	.0818	.0815	.0809	.0772	.0765	.0799	.0830	.0856	120.
140.	.1049		.1010	.0998	.1011	.1069	.1067	.1089	.1063	.1051	.1045	.1080	.1116	140.
150.	.1343	.1345	.1294	.1272	.1283	.1345	.1319	.1356	.1333	.1315	.1334	.1324	.1368	150.
160.	.1960	.1962	.1968	.1956	.1960	.2029	.2044	.2013	.1959	.1960	.1933	.1975	.1994	160.
170.	.3496	.3614	.3500	.3448	.3531	.3455	.3442	.3451	.3390	.3397	.3399	.3433	.3450	170.
180.	.7372	.7347	.7316	.7289	.7285	.7295	.7276	.7290	.7248	.7207	.7157	.7233	.7124	180.

TABLE III. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -1.35 DEG								
0.	.2272	.2317	.2354	.2259	.2285	.2333	.2369	.2373	.2415	.2416	.2417	.2436	.2428	.2458
10.			.1007	.1088	.1117		.1187	.1178	.1186	.1213	.1209	.1211	.1223	.1233
20.		.0887	.0698	.0701	.0688	.0699	.0732	.0741	.0768	.0749	.0747	.0733	.0780	.0799
30.				.0612	.0565	.0561	.0616	.0628	.0632	.0650	.0644	.0619	.0653	.0673
40.	.0808	.0684	.0575	.0559	.0553	.0544	.0582	.0591	.0601	.0611	.0613	.0591	.0605	.0627
60.			.0552		.0536	.0531	.0553	.0569	.0570	.0569	.0580	.0577	.0574	.0595
90.	.0811	.0663	.0555	.0543	.0530	.0530	.0542	.0545	.0543	.0559	.0554	.0577	.0592	.0582
120.			.0528		.0523	.0527	.0555	.0566	.0568	.0572	.0581	.0576	.0566	.0580
140.	.1040	.0596	.0534	.0543	.0538	.0542	.0572	.0576	.0581	.0588	.0587	.0568	.0587	.0605
150.				.0557	.0548	.0536	.0590	.0606	.0591	.0605	.0600	.0580	.0615	.0623
160.		.0717	.0599	.0623	.0607	.0634	.0669	.0673	.0686	.0674	.0649	.0647	.0674	.0691
170.			.0802	.0881	.0919	.0916	.0970	.0960	.0961	.0976	.0949	.0942	.0941	.0953
180.	.2526	.1799	.1813	.1784	.1779	.1818	.1846	.1839	.1861	.1849	.1824	.1823	.1807	.1831
190.			.1056	.1174	.1175	.1171	.1241	.1224	.1228	.1250	.1229	.1219	.1228	.1240
200.		.0960	.0831	.0870	.0867	.0865	.0907	.0918	.0946	.0938	.0919	.0908	.0951	.0968
210.				.0778	.0781	.0774	.0810	.0818	.0827	.0848	.0855	.0813	.0870	.0889
220.	.1275	.0821	.0755	.0760	.0764	.0757	.0786	.0792	.0801	.0809	.0823	.0801	.0818	.0850
240.			.0723		.0739	.0742	.0766	.0776	.0777	.0786	.0808	.0807	.0797	.0821
270.	.1035	.0885	.0747	.0743	.0752	.0732	.0737	.0756	.0755	.0771	.0773	.0803	.0822	.0812
300.			.0749		.0729	.0740	.0757	.0773	.0776	.0786	.0806	.0806	.0802	.0828
320.	.1028	.0907	.0797	.0772	.0771	.0761	.0800	.0818	.0827	.0843	.0855	.0832	.0847	.0879
330.				.0814	.0812	.0795	.0842	.0867	.0876	.0899	.0910	.0870	.0927	.0948
340.		.1135	.0941	.0930	.0939	.0952	.0989	.1009	.1045	.1037	.1019	.1022	.1081	.1105
350.			.1290	.1349	.1376		.1463	.1461	.1468	.1504	.1498	.1504	.1521	.1536
						FOR ALPHA = -.35 DEG								
0.	.2082	.2124	.2143	.2075	.2093	.2139	.2177	.2184	.2227	.2232	.2227	.2237	.2225	.2254
10.			.0938	.0989	.1041		.1101	.1096	.1104	.1130	.1128	.1128	.1133	.1141
20.		.0849	.0659	.0660	.0641	.0663	.0707	.0713	.0735	.0729	.0719	.0720	.0758	.0776
30.				.0580	.0554	.0556	.0598	.0615	.0627	.0639	.0647	.0616	.0661	.0671
40.	.0779	.0679	.0565	.0551	.0543	.0540	.0574	.0591	.0599	.0606	.0616	.0588	.0604	.0625
60.			.0547		.0534	.0515	.0557	.0559	.0563	.0569	.0589	.0582	.0578	.0599
90.	.0820	.0667	.0554	.0548	.0530	.0528	.0548	.0550	.0538	.0552	.0557	.0582	.0595	.0587
120.			.0542		.0540	.0538	.0556	.0573	.0570	.0576	.0590	.0587	.0575	.0592
140.	.1175	.0605	.0562	.0555	.0552	.0552	.0578	.0589	.0590	.0602	.0606	.0589	.0600	.0616
150.				.0584	.0557	.0557	.0606	.0611	.0611	.0636	.0629	.0602	.0628	.0647
160.		.0753	.0619	.0647	.0641	.0651	.0698	.0704	.0719	.0708	.0688	.0681	.0708	.0723
170.			.0859	.0951	.0990	.0989	.1049	.1038	.1043	.1058	.1037	.1029	.1030	.1037
180.	.2657	.1978	.1990	.1943	.1966	.2002	.2037	.2033	.2054	.2041	.2016	.2015	.1995	.2017
190.			.1125	.1252	.1250	.1251	.1329	.1318	.1320	.1335	.1320	.1312	.1316	.1324
200.		.0998	.0869	.0905	.0905	.0901	.0945	.0956	.0984	.0980	.0962	.0945	.0990	.1005
210.				.0800	.0793	.0790	.0832	.0842	.0849	.0875	.0883	.0841	.0894	.0909
220.	.1433	.0832	.0768	.0777	.0766	.0765	.0795	.0801	.0813	.0824	.0844	.0823	.0838	.0869
240.			.0729		.0749	.0745	.0769	.0777	.0779	.0793	.0813	.0816	.0809	.0829
270.	.1049	.0893	.0754	.0748	.0733	.0729	.0747	.0748	.0740	.0767	.0780	.0806	.0824	.0815
300.			.0745		.0730	.0728	.0757	.0764	.0770	.0780	.0801	.0806	.0801	.0827
320.	.0995	.0903	.0771	.0765	.0742	.0770	.0796	.0809	.0827	.0831	.0843	.0822	.0838	.0870
330.				.0799	.0803	.0791	.0833	.0855	.0862	.0884	.0893	.0855	.0910	.0930
340.		.1095	.0908	.0914	.0910	.0925	.0958	.0970	.1006	.1007	.0990	.0986	.1043	.1070
350.			.1227	.1260	.1291		.1378	.1384	.1419	.1416	.1416	.1428	.1443	
						FOR ALPHA = .65 DEG								
0.	.1901	.1942	.1966	.1901	.1916	.1953	.1994	.2005	.2050	.2049	.2034	.2039	.2030	.2058
10.			.0883	.0930	.0965		.1022	.1022	.1035	.1059	.1046	.1042	.1047	.1056
20.		.0814	.0634	.0647	.0619	.0664	.0683	.0690	.0712	.0705	.0693	.0688	.0720	.0734
30.				.0572	.0557	.0553	.0576	.0618	.0597	.0621	.0623	.0601	.0646	.0662
40.	.0754	.0674	.0555	.0546	.0541	.0541	.0568	.0577	.0584	.0600	.0599	.0580	.0606	.0627
60.			.0549		.0532	.0521	.0536	.0544	.0548	.0566	.0592	.0590	.0581	.0601
90.	.0818	.0665	.0550	.0551	.0537	.0529	.0548	.0550	.0543	.0559	.0559	.0582	.0593	.0587
120.			.0534		.0549	.0545	.0561	.0575	.0577	.0581	.0587	.0585	.0574	.0596
140.	.1273	.0616	.0595	.0558	.0562	.0559	.0590	.0599	.0601	.0612	.0616	.0592	.0603	.0625
150.				.0606	.0566	.0562	.0622	.0631	.0636	.0650	.0644	.0614	.0653	.0661
160.		.0786	.0649	.0690	.0678	.0680	.0728	.0730	.0748	.0742	.0720	.0714	.0748	.0761
170.			.0928	.1044	.1071	.1072	.1130	.1123	.1126	.1146	.1126	.1118	.1117	.1118
180.	.2789	.2168	.2177	.2130	.2152	.2200	.2231	.2231	.2258	.2244	.2220	.2213	.2193	.2212
190.			.1199	.1340	.1341	.1344	.1418	.1413	.1414	.1437	.1418	.1411	.1413	.1423
200.		.1029	.0910	.0938	.0936	.0949	.0987	.0996	.1029	.1027	.1004	.0997	.1041	.1064
210.				.0829	.0815	.0804	.0853	.0868	.0876	.0905	.0914	.0875	.0927	.0939
220.	.1572	.0851	.0794	.0788	.0785	.0776	.0811	.0820	.0828	.0848	.0868	.0849	.0865	.0890
240.			.0749		.0762	.0751	.0774	.0788	.0796	.0803	.0823	.0825	.0824	.0846
270.	.1049	.0892	.0758	.0753	.0738	.0726	.0751	.0757	.0762	.0779	.0782	.0808	.0825	.0814
300.			.0747		.0729	.0711	.0731	.0748	.0757	.0772	.0803	.0805	.0800	.0824
320.	.0967	.0899	.0755	.0756	.0722	.0764	.0789	.0795	.0799	.0812	.0828	.0808	.0830	.0862
330.				.0786	.0788	.0775	.0814	.0828	.0841	.0856	.0875	.0837	.0893	.0909
340.		.1052	.0877	.0894	.0884	.0885	.0910	.0933	.0972	.0969	.0955	.0950	.0998	.1019
350.			.1165	.1183	.1208		.1291	.1293	.1306	.1332	.1327	.1322	.1332	.1342

TABLE III. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -1.35 DEG								
0.	.2468	.2437	.2440	.2408	.2412	.2450	.2458	.2462	.2467	.2437	.2423	.2477	.2449	0.
10.	.1146	.1216	.1178	.1140	.1211	.1216	.1211	.1229	.1200	.1199	.1202	.1225	.1240	10.
20.	.0751	.0752	.0758	.0753	.0761	.0814	.0813	.0824	.0806	.0785	.0773	.0817	.0821	20.
30.	.0627	.0619	.0626	.0625	.0666	.0688	.0688	.0701	.0683	.0663	.0651	.0658	.0673	30.
40.	.0597		.0581	.0590	.0626	.0636	.0645	.0650	.0649	.0623	.0602	.0622	.0646	40.
60.	.0570	.0542	.0558	.0555	.0593	.0597	.0597	.0600	.0572	.0565	.0592	.0617	.0639	60.
90.	.0563	.0542	.0550	.0555	.0550	.0556	.0562	.0563	.0547	.0542	.0568	.0595	.0616	90.
120.	.0567	.0543	.0542	.0538	.0545	.0549	.0544	.0547	.0541	.0536	.0561	.0582	.0600	120.
140.	.0586		.0547	.0548	.0558	.0569	.0572	.0576	.0573	.0561	.0541	.0559	.0584	140.
150.	.0593	.0582	.0575	.0569	.0576	.0594	.0595	.0602	.0584	.0579	.0570	.0574	.0590	150.
160.	.0651	.0647	.0628	.0623	.0627	.0658	.0662	.0659	.0642	.0642	.0640	.0670	.0681	160.
170.	.0898	.0940	.0904	.0867	.0918	.0902	.0907	.0909	.0887	.0894	.0899	.0908	.0925	170.
180.	.1833	.1804	.1796	.1774	.1770	.1784	.1794	.1791	.1789	.1770	.1745	.1783	.1760	180.
190.	.1190	.1236	.1190	.1154	.1222	.1201	.1204	.1209	.1190	.1190	.1196	.1211	.1227	190.
200.	.0953	.0936	.0926	.0917	.0894	.0927	.0938	.0927	.0910	.0896	.0878	.0918	.0936	200.
210.	.0839	.0822	.0817	.0806	.0818	.0841	.0842	.0851	.0836	.0824	.0809	.0813	.0831	210.
220.	.0829		.0785	.0786	.0803	.0810	.0817	.0827	.0821	.0801	.0775	.0792	.0820	220.
240.	.0804	.0773	.0778	.0775	.0788	.0783	.0778	.0785	.0764	.0761	.0791	.0814	.0833	240.
270.	.0796	.0770	.0774	.0786	.0784	.0786	.0795	.0796	.0773	.0764	.0796	.0831	.0855	270.
300.	.0807	.0773	.0782	.0784	.0829	.0834	.0832	.0839	.0791	.0795	.0828	.0854	.0881	300.
320.	.0854		.0820	.0823	.0872	.0886	.0894	.0903	.0901	.0864	.0843	.0865	.0897	320.
330.	.0896	.0883	.0886	.0872	.0908	.0941	.0944	.0956	.0940	.0911	.0899	.0906	.0928	330.
340.	.1082	.1077	.1070	.1058	.1041	.1106	.1114	.1106	.1083	.1049	.1031	.1077	.1099	340.
350.	.1470	.1531	.1483	.1435	.1520	.1520	.1523	.1529	.1505	.1494	.1508	.1531	.1563	350.
						FOR ALPHA = -.35 DEG								
0.	.2266	.2236	.2232	.2204	.2203	.2238	.2252	.2259	.2267	.2241	.2221	.2270	.2247	0.
10.	.1077	.1136	.1098	.1062	.1125	.1121	.1121	.1134	.1102	.1109	.1114	.1136	.1152	10.
20.	.0740	.0734	.0726	.0736	.0726	.0771	.0787	.0784	.0766	.0757	.0738	.0779	.0794	20.
30.	.0637	.0635	.0624	.0617	.0646	.0671	.0670	.0678	.0663	.0649	.0637	.0640	.0658	30.
40.	.0612		.0581	.0584	.0611	.0623	.0632	.0638	.0634	.0615	.0593	.0615	.0638	40.
60.	.0587	.0561	.0566	.0562	.0586	.0589	.0588	.0592	.0567	.0562	.0589	.0614	.0634	60.
90.	.0573	.0552	.0554	.0560	.0557	.0559	.0566	.0568	.0550	.0542	.0570	.0599	.0620	90.
120.	.0574	.0545	.0547	.0545	.0566	.0563	.0560	.0564	.0548	.0541	.0573	.0594	.0614	120.
140.	.0593		.0556	.0558	.0579	.0584	.0591	.0594	.0591	.0573	.0555	.0571	.0599	140.
150.	.0607	.0587	.0593	.0579	.0599	.0621	.0626	.0627	.0607	.0598	.0588	.0588	.0608	150.
160.	.0687	.0684	.0663	.0663	.0659	.0693	.0697	.0690	.0674	.0672	.0664	.0693	.0711	160.
170.	.0975	.1024	.0982	.0942	.1000	.0987	.0987	.0989	.0970	.0975	.0977	.0987	.1005	170.
180.	.2022	.1998	.1987	.1957	.1954	.1969	.1982	.1980	.1975	.1954	.1935	.1969	.1942	180.
190.	.1279	.1327	.1280	.1238	.1309	.1289	.1291	.1295	.1271	.1276	.1283	.1295	.1313	190.
200.	.0996	.0982	.0974	.0959	.0940	.0975	.0983	.0970	.0948	.0936	.0918	.0957	.0972	200.
210.	.0862	.0845	.0841	.0828	.0845	.0869	.0869	.0876	.0859	.0850	.0831	.0833	.0849	210.
220.	.0851		.0804	.0803	.0823	.0830	.0836	.0841	.0837	.0819	.0791	.0807	.0833	220.
240.	.0818	.0784	.0788	.0783	.0801	.0798	.0793	.0794	.0770	.0772	.0802	.0826	.0846	240.
270.	.0799	.0773	.0778	.0792	.0789	.0792	.0800	.0801	.0777	.0769	.0798	.0833	.0858	270.
300.	.0802	.0770	.0783	.0789	.0829	.0833	.0829	.0835	.0790	.0792	.0824	.0852	.0877	300.
320.	.0845		.0810	.0817	.0860	.0874	.0882	.0892	.0889	.0855	.0831	.0853	.0886	320.
330.	.0874	.0859	.0861	.0855	.0890	.0922	.0924	.0936	.0920	.0894	.0881	.0886	.0911	330.
340.	.1039	.1031	.1024	.1017	.1003	.1062	.1070	.1059	.1037	.1009	.0989	.1035	.1060	340.
350.	.1376	.1430	.1385	.1345	.1430	.1428	.1431	.1435	.1417	.1412	.1421	.1441	.1467	350.
						FOR ALPHA = .65 DEG								
0.	.2066	.2033	.2032	.2004	.2004	.2041	.2061	.2076	.2078	.2046	.2027	.2073	.2051	0.
10.	.0987	.1042	.1008	.0975	.1040	.1049	.1049	.1060	.1037	.1037	.1040	.1054	.1065	10.
20.	.0688	.0690	.0683	.0697	.0693	.0754	.0761	.0756	.0742	.0726	.0712	.0750	.0768	20.
30.	.0613	.0602	.0614	.0595	.0638	.0668	.0670	.0675	.0659	.0637	.0623	.0628	.0647	30.
40.	.0597		.0573	.0574	.0613	.0623	.0632	.0637	.0636	.0607	.0586	.0606	.0633	40.
60.	.0578	.0551	.0559	.0556	.0591	.0593	.0592	.0596	.0565	.0560	.0588	.0610	.0632	60.
90.	.0569	.0549	.0555	.0563	.0560	.0567	.0576	.0575	.0552	.0544	.0573	.0600	.0623	90.
120.	.0578	.0549	.0556	.0553	.0563	.0571	.0570	.0573	.0552	.0546	.0578	.0597	.0619	120.
140.	.0604		.0565	.0565	.0579	.0596	.0607	.0607	.0607	.0583	.0568	.0581	.0611	140.
150.	.0614	.0612	.0602	.0588	.0609	.0642	.0640	.0639	.0629	.0614	.0604	.0602	.0623	150.
160.	.0718	.0720	.0698	.0696	.0686	.0723	.0740	.0724	.0713	.0703	.0689	.0721	.0742	160.
170.	.1055	.1112	.1066	.1028	.1088	.1069	.1066	.1075	.1046	.1053	.1058	.1070	.1082	170.
180.	.2220	.2194	.2187	.2156	.2155	.2166	.2176	.2173	.2170	.2148	.2122	.2165	.2133	180.
190.	.1369	.1418	.1375	.1328	.1406	.1376	.1380	.1385	.1361	.1363	.1372	.1385	.1410	190.
200.	.1036	.1030	.1024	.1011	.0992	.1025	.1034	.1023	.0994	.0986	.0966	.1003	.1020	200.
210.	.0883	.0868	.0868	.0856	.0870	.0895	.0895	.0904	.0885	.0874	.0857	.0860	.0878	210.
220.	.0864		.0821	.0822	.0838	.0847	.0853	.0861	.0854	.0835	.0810	.0831	.0856	220.
240.	.0827	.0793	.0802	.0797	.0810	.0811	.0805	.0809	.0778	.0778	.0813	.0840	.0860	240.
270.	.0802	.0776	.0786	.0796	.0787	.0791	.0801	.0801	.0776	.0768	.0800	.0832	.0858	270.
300.	.0810	.0776	.0790	.0789	.0815	.0815	.0815	.0821	.0778	.0781	.0815	.0840	.0864	300.
320.	.0848		.0806	.0807	.0835	.0846	.0858	.0869	.0866	.0835	.0811	.0834	.0866	320.
330.	.0862	.0848	.0844	.0836	.0859	.0890	.0898	.0909	.0892	.0867	.0852	.0861	.0883	330.
340.	.1000	.0993	.0986	.0977	.0965	.1006	.1017	.1013	.0985	.0961	.0953	.0998	.1020	340.
350.	.1288	.1335	.1298	.1255	.1334	.1320	.1326	.1342	.1320	.1317	.1329	.1342	.1369	350.

TABLE III. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 2.65 DEG							
0.	.1579	.1612	.1642	.1590	.1569	.1616	.1659	.1663	.1688	.1684	.1671	.1678	.1668	.1690
10.			.0789	.0822	.0829		.0893	.0886	.0891	.0908	.0890	.0885	.0890	.0898
20.		.0755	.0600	.0624	.0593	.0603	.0641	.0650	.0669	.0663	.0636	.0632	.0659	.0665
30.				.0552	.0550	.0527	.0574	.0592	.0593	.0589	.0592	.0579	.0625	.0629
40.	.0738	.0668	.0544	.0535	.0533	.0536	.0553	.0568	.0571	.0576	.0588	.0566	.0584	.0614
60.			.0546		.0530	.0520	.0532	.0524	.0510	.0535	.0587	.0596	.0587	.0602
90.	.0806	.0647	.0554	.0552	.0543	.0531	.0548	.0548	.0540	.0553	.0550	.0577	.0591	.0586
120.			.0556		.0552	.0552	.0570	.0578	.0576	.0577	.0590	.0584	.0577	.0600
140.	.1312	.0647	.0622	.0574	.0567	.0562	.0597	.0617	.0618	.0632	.0627	.0605	.0615	.0627
150.				.0649	.0611	.0598	.0644	.0658	.0659	.0680	.0671	.0639	.0684	.0694
160.		.0853	.0767	.0787	.0758	.0751	.0794	.0805	.0818	.0805	.0788	.0800	.0823	.0831
170.			.1095	.1231	.1248	.1248	.1323	.1310	.1312	.1342	.1322	.1313	.1313	.1318
180.	.3083	.2580	.2603	.2541	.2574	.2619	.2645	.2649	.2689	.2671	.2651	.2644	.2619	.2638
190.			.1368	.1515	.1534	.1536	.1618	.1604	.1615	.1645	.1627	.1622	.1625	.1627
200.		.1075	.1016	.1038	.1009	.1025	.1063	.1087	.1119	.1106	.1091	.1093	.1145	.1159
210.				.0900	.0858	.0850	.0899	.0922	.0928	.0949	.0958	.0918	.0977	.0992
220.	.1627	.0886	.0859	.0807	.0808	.0796	.0832	.0861	.0876	.0889	.0895	.0872	.0887	.0912
240.			.0750		.0779	.0766	.0790	.0805	.0800	.0812	.0833	.0832	.0830	.0854
270.	.1034	.0868	.0758	.0760	.0749	.0727	.0747	.0759	.0756	.0770	.0774	.0803	.0820	.0812
300.			.0748		.0726	.0700	.0705	.0693	.0722	.0771	.0808	.0811	.0799	.0817
320.	.0953	.0887	.0739	.0737	.0730	.0717	.0761	.0777	.0785	.0798	.0811	.0792	.0807	.0841
330.				.0761	.0750	.0748	.0786	.0808	.0811	.0818	.0821	.0795	.0848	.0870
340.		.0976	.0824	.0850	.0817	.0824	.0867	.0878	.0915	.0893	.0884	.0877	.0923	.0936
350.			.1047	.1088	.1068		.1133	.1133	.1141	.1166	.1154	.1147	.1159	.1165
							FOR ALPHA = 4.65 DEG							
0.	.1289	.1314	.1356	.1317	.1277	.1307	.1339	.1341	.1365	.1363	.1347	.1349	.1338	.1353
10.			.0704	.0723	.0728		.0765	.0756	.0758	.0774	.0756	.0748	.0758	.0761
20.		.0696	.0559	.0597	.0562	.0551	.0614	.0607	.0607	.0604	.0582	.0574	.0600	.0615
30.				.0540	.0528	.0521	.0554	.0564	.0561	.0568	.0561	.0537	.0582	.0596
40.	.0714	.0657	.0534	.0531	.0517	.0521	.0537	.0538	.0546	.0564	.0578	.0553	.0565	.0593
60.			.0548		.0517	.0508	.0524	.0525	.0525	.0542	.0565	.0572	.0566	.0582
90.	.0803	.0624	.0532	.0548	.0534	.0523	.0547	.0548	.0538	.0544	.0536	.0555	.0569	.0566
120.			.0541		.0555	.0542	.0565	.0578	.0580	.0586	.0588	.0582	.0575	.0595
140.	.1314	.0664	.0617	.0589	.0560	.0576	.0614	.0619	.0636	.0643	.0631	.0610	.0630	.0639
150.				.0666	.0639	.0633	.0667	.0688	.0689	.0706	.0692	.0656	.0709	.0713
160.		.0925	.0904	.0867	.0831	.0832	.0871	.0885	.0897	.0895	.0862	.0866	.0893	.0905
170.			.1293	.1409	.1434	.1435	.1522	.1508	.1518	.1546	.1523	.1520	.1519	.1530
180.	.3401	.3028	.3062	.3027	.3022	.3067	.3103	.3100	.3136	.3130	.3106	.3104	.3077	.3099
190.			.1579	.1704	.1743	.1743	.1836	.1824	.1831	.1863	.1850	.1846	.1848	.1853
200.		.1137	.1171	.1156	.1105	.1116	.1162	.1192	.1208	.1208	.1190	.1187	.1231	.1259
210.				.0938	.0910	.0893	.0940	.0963	.0974	.0990	.0997	.0967	.1030	.1042
220.	.1623	.0923	.0900	.0839	.0821	.0813	.0869	.0883	.0902	.0915	.0919	.0893	.0909	.0938
240.			.0766		.0780	.0774	.0793	.0804	.0817	.0829	.0852	.0841	.0835	.0858
270.	.1035	.0850	.0744	.0762	.0745	.0730	.0756	.0757	.0748	.0755	.0755	.0782	.0804	.0802
300.			.0751		.0705	.0694	.0712	.0719	.0741	.0764	.0779	.0789	.0779	.0798
320.	.0918	.0868	.0728	.0720	.0703	.0696	.0726	.0725	.0754	.0788	.0803	.0774	.0780	.0808
330.				.0728	.0715	.0711	.0762	.0765	.0769	.0797	.0796	.0762	.0811	.0826
340.		.0900	.0768	.0789	.0771	.0773	.0798	.0811	.0834	.0827	.0813	.0806	.0841	.0866
350.			.0931	.0956	.0926		.0994	.0994	.0996	.1015	.0998	.0987	.0997	.1000
							FOR ALPHA = 9.65 DEG							
0.	.0744	.0751	.0782	.0723	.0698	.0707	.0728	.0726	.0737	.0736	.0722	.0727	.0724	.0739
10.			.0499	.0499	.0482		.0515	.0510	.0514	.0518	.0495	.0488	.0501	.0507
20.		.0572	.0461	.0456	.0442	.0448	.0465	.0456	.0477	.0477	.0461	.0455	.0482	.0494
30.				.0450	.0434	.0430	.0456	.0447	.0449	.0469	.0474	.0454	.0488	.0501
40.	.0592	.0558	.0454	.0443	.0431	.0446	.0462	.0457	.0464	.0484	.0488	.0464	.0478	.0502
60.			.0486		.0436	.0449	.0481	.0472	.0463	.0468	.0483	.0486	.0477	.0499
90.	.0835	.0557	.0488	.0485	.0502	.0492	.0499	.0495	.0493	.0504	.0486	.0503	.0518	.0514
120.			.0519		.0544	.0534	.0544	.0556	.0571	.0570	.0566	.0585	.0584	.0608
140.	.1419	.0729	.0680	.0652	.0638	.0619	.0649	.0653	.0640	.0650	.0642	.0638	.0661	.0656
150.				.0746	.0735	.0734	.0780	.0770	.0802	.0778	.0803	.0792	.0834	.0823
160.		.1157	.1199	.1060	.1070	.1083	.1103	.1139	.1137	.1152	.1131	.1137	.1172	.1179
170.			.1850	.1925	.1968	.1961	.2062	.2049	.2056	.2098	.2078	.2080	.2085	.2103
180.	.4367	.4228	.4141	.4300	.4276	.4323	.4357	.4362	.4412	.4391	.4364	.4370	.4349	.4387
190.			.2182	.2278	.2314	.2303	.2421	.2412	.2426	.2463	.2452	.2445	.2458	.2463
200.		.1469	.1505	.1383	.1379	.1390	.1426	.1470	.1488	.1474	.1466	.1461	.1502	.1511
210.				.1037	.1001	.1024	.1073	.1082	.1094	.1104	.1121	.1095	.1163	.1159
220.	.1763	.0956	.0954	.0932	.0913	.0881	.0930	.0944	.0944	.0967	.0973	.0955	.0978	.0988
240.			.0756		.0782	.0771	.0785	.0822	.0833	.0843	.0856	.0851	.0860	.0882
270.	.1077	.0777	.0696	.0712	.0726	.0707	.0718	.0725	.0721	.0734	.0725	.0745	.0759	.0754
300.			.0690		.0633	.0638	.0672	.0671	.0669	.0676	.0699	.0703	.0688	.0706
320.	.0773	.0745	.0630	.0627	.0608	.0601	.0636	.0654	.0667	.0687	.0696	.0658	.0667	.0696
330.				.0627	.0607	.0593	.0608	.0616	.0647	.0675	.0665	.0631	.0671	.0687
340.		.0745	.0629	.0624	.0607	.0599	.0590	.0598	.0641	.0660	.0650	.0636	.0663	.0671
350.			.0670	.0655	.0637		.0664	.0657	.0665	.0680	.0663	.0656	.0666	.0680

TABLE III. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.65 DEG								
0.	.1695	.1666	.1660	.1636	.1645	.1690	.1707	.1711	.1711	.1680	.1663	.1705	.1687	0.
10.	.0852	.0892	.0861	.0826	.0886	.0894	.0899	.0906	.0886	.0875	.0885	.0898	.0912	10.
20.	.0638	.0639	.0631	.0639	.0641	.0690	.0699	.0695	.0678	.0660	.0651	.0690	.0702	20.
30.	.0592	.0579	.0580	.0574	.0607	.0623	.0623	.0630	.0616	.0598	.0586	.0593	.0613	30.
40.	.0595		.0556	.0559	.0586	.0597	.0602	.0607	.0606	.0579	.0558	.0577	.0604	40.
60.	.0583	.0552	.0555	.0551	.0575	.0575	.0572	.0575	.0550	.0546	.0573	.0593	.0612	60.
90.	.0568	.0546	.0549	.0557	.0554	.0561	.0568	.0571	.0549	.0542	.0569	.0596	.0619	90.
120.	.0573	.0545	.0557	.0556	.0576	.0582	.0580	.0585	.0559	.0553	.0585	.0609	.0633	120.
140.	.0598		.0589	.0588	.0606	.0617	.0623	.0628	.0630	.0603	.0587	.0604	.0634	140.
150.	.0636	.0613	.0630	.0623	.0638	.0657	.0672	.0675	.0667	.0652	.0637	.0638	.0657	150.
160.	.0802	.0782	.0770	.0764	.0756	.0799	.0808	.0797	.0789	.0765	.0758	.0791	.0811	160.
170.	.1234	.1295	.1250	.1207	.1267	.1252	.1243	.1251	.1229	.1235	.1237	.1251	.1269	170.
180.	.2645	.2611	.2611	.2579	.2571	.2581	.2588	.2587	.2581	.2558	.2533	.2585	.2550	180.
190.	.1561	.1616	.1567	.1525	.1599	.1570	.1569	.1577	.1546	.1557	.1565	.1581	.1600	190.
200.	.1124	.1119	.1116	.1107	.1092	.1131	.1129	.1123	.1095	.1075	.1059	.1096	.1108	200.
210.	.0930	.0911	.0913	.0896	.0909	.0935	.0940	.0947	.0928	.0914	.0901	.0903	.0917	210.
220.	.0884		.0846	.0844	.0865	.0873	.0881	.0884	.0881	.0860	.0838	.0858	.0885	220.
240.	.0830	.0795	.0810	.0802	.0820	.0822	.0820	.0819	.0787	.0786	.0821	.0849	.0872	240.
270.	.0796	.0772	.0778	.0788	.0788	.0791	.0799	.0799	.0773	.0764	.0796	.0827	.0853	270.
300.	.0791	.0763	.0768	.0768	.0802	.0803	.0799	.0806	.0763	.0767	.0800	.0824	.0846	300.
320.	.0814		.0771	.0770	.0806	.0817	.0824	.0834	.0831	.0799	.0776	.0799	.0834	320.
330.	.0817	.0808	.0807	.0791	.0823	.0850	.0851	.0858	.0843	.0820	.0808	.0816	.0843	330.
340.	.0903	.0903	.0886	.0891	.0882	.0931	.0950	.0938	.0918	.0897	.0885	.0932	.0951	340.
350.	.1115	.1152	.1121	.1081	.1146	.1159	.1168	.1176	.1154	.1145	.1153	.1170	.1196	350.
						FOR ALPHA = 4.65 DEG								
0.	.1360	.1335	.1335	.1323	.1331	.1371	.1380	.1381	.1383	.1358	.1343	.1379	.1362	0.
10.	.0721	.0750	.0726	.0700	.0757	.0767	.0774	.0775	.0753	.0748	.0752	.0771	.0785	10.
20.	.0596	.0595	.0590	.0592	.0594	.0629	.0641	.0634	.0617	.0601	.0592	.0630	.0643	20.
30.	.0559	.0547	.0550	.0538	.0571	.0584	.0585	.0589	.0577	.0562	.0551	.0558	.0575	30.
40.	.0572		.0529	.0528	.0554	.0561	.0568	.0571	.0570	.0549	.0531	.0547	.0575	40.
60.	.0559	.0527	.0535	.0530	.0556	.0552	.0550	.0556	.0537	.0529	.0558	.0575	.0591	60.
90.	.0554	.0533	.0540	.0550	.0547	.0551	.0559	.0559	.0539	.0530	.0558	.0583	.0606	90.
120.	.0568	.0544	.0556	.0560	.0579	.0583	.0582	.0584	.0556	.0547	.0582	.0606	.0632	120.
140.	.0631		.0603	.0600	.0625	.0626	.0637	.0642	.0636	.0618	.0601	.0621	.0650	140.
150.	.0659	.0653	.0673	.0648	.0656	.0685	.0696	.0708	.0689	.0676	.0671	.0671	.0692	150.
160.	.0873	.0869	.0869	.0853	.0842	.0877	.0881	.0877	.0854	.0840	.0837	.0874	.0887	160.
170.	.1439	.1505	.1447	.1406	.1472	.1443	.1441	.1443	.1410	.1420	.1428	.1448	.1465	170.
180.	.3101	.3067	.3061	.3030	.3027	.3035	.3035	.3033	.3028	.2999	.2971	.3030	.2994	180.
190.	.1772	.1840	.1781	.1733	.1811	.1783	.1779	.1785	.1757	.1767	.1760	.1789	.1812	190.
200.	.1210	.1222	.1201	.1194	.1193	.1225	.1226	.1224	.1206	.1178	.1151	.1190	.1214	200.
210.	.0977	.0956	.0954	.0943	.0955	.0984	.0981	.0997	.0977	.0964	.0949	.0946	.0970	210.
220.	.0911		.0869	.0870	.0891	.0901	.0904	.0910	.0910	.0886	.0862	.0884	.0917	220.
240.	.0835	.0798	.0809	.0808	.0830	.0835	.0829	.0834	.0794	.0795	.0825	.0855	.0884	240.
270.	.0790	.0765	.0775	.0787	.0783	.0788	.0795	.0793	.0768	.0759	.0788	.0821	.0846	270.
300.	.0773	.0741	.0750	.0746	.0776	.0776	.0770	.0778	.0742	.0745	.0778	.0797	.0816	300.
320.	.0782		.0736	.0735	.0768	.0778	.0786	.0791	.0790	.0759	.0738	.0756	.0789	320.
330.	.0775	.0758	.0756	.0742	.0773	.0796	.0797	.0803	.0793	.0771	.0762	.0768	.0792	330.
340.	.0836	.0826	.0818	.0809	.0798	.0853	.0862	.0852	.0838	.0814	.0806	.0848	.0869	340.
350.	.0961	.0992	.0966	.0937	.1001	.1012	.1024	.1027	.1005	.0990	.1003	.1019	.1042	350.
						FOR ALPHA = 9.65 DEG								
0.	.0746	.0721	.0722	.0713	.0716	.0761	.0772	.0774	.0776	.0742	.0732	.0758	.0751	0.
10.	.0493	.0504	.0491	.0474	.0512	.0539	.0545	.0549	.0536	.0505	.0507	.0520	.0537	10.
20.	.0476	.0455	.0448	.0449	.0442	.0498	.0513	.0505	.0497	.0457	.0444	.0474	.0486	20.
30.	.0459	.0443	.0434	.0421	.0480	.0490	.0494	.0502	.0493	.0455	.0441	.0445	.0458	30.
40.	.0478		.0437	.0435	.0475	.0486	.0492	.0497	.0494	.0450	.0431	.0449	.0474	40.
60.	.0480	.0457	.0460	.0455	.0497	.0495	.0492	.0500	.0464	.0457	.0483	.0497	.0507	60.
90.	.0501	.0484	.0492	.0500	.0502	.0514	.0516	.0520	.0486	.0479	.0505	.0532	.0552	90.
120.	.0589	.0545	.0555	.0552	.0573	.0592	.0587	.0580	.0539	.0532	.0561	.0586	.0613	120.
140.	.0641		.0622	.0641	.0659	.0680	.0688	.0693	.0688	.0661	.0648	.0664	.0696	140.
150.	.0745	.0752	.0748	.0720	.0721	.0795	.0794	.0800	.0791	.0782	.0771	.0776	.0785	150.
160.	.1142	.1132	.1126	.1133	.1115	.1135	.1161	.1176	.1130	.1114	.1103	.1130	.1146	160.
170.	.1994	.2080	.2005	.1965	.2024	.1981	.1984	.1981	.1957	.1940	.1960	.1970	.1994	170.
180.	.4388	.4336	.4327	.4284	.4280	.4293	.4290	.4282	.4274	.4226	.4203	.4270	.4223	180.
190.	.2370	.2445	.2365	.2315	.2396	.2339	.2355	.2354	.2322	.2304	.2320	.2346	.2373	190.
200.	.1478	.1472	.1489	.1459	.1448	.1476	.1518	.1493	.1462	.1437	.1419	.1468	.1480	200.
210.	.1101	.1075	.1073	.1051	.1064	.1107	.1119	.1125	.1111	.1102	.1093	.1094	.1112	210.
220.	.0966		.0932	.0940	.0968	.0974	.0987	.0988	.0983	.0952	.0939	.0967	.0998	220.
240.	.0851	.0806	.0823	.0819	.0836	.0844	.0846	.0843	.0791	.0789	.0829	.0858	.0887	240.
270.	.0733	.0713	.0725	.0740	.0736	.0742	.0753	.0755	.0724	.0716	.0747	.0775	.0797	270.
300.	.0677	.0654	.0658	.0654	.0693	.0693	.0689	.0699	.0666	.0666	.0698	.0714	.0727	300.
320.	.0659		.0614	.0614	.0654	.0665	.0671	.0679	.0679	.0641	.0622	.0643	.0674	320.
330.	.0630	.0615	.0605	.0593	.0643	.0661	.0667	.0676	.0669	.0638	.0625	.0627	.0645	330.
340.	.0642	.0618	.0614	.0616	.0612	.0664	.0680	.0672	.0665	.0636	.0619	.0647	.0664	340.
350.	.0650	.0676	.0651	.0631	.0688	.0700	.0704	.0705	.0700	.0671	.0680	.0692	.0702	350.

TABLE III. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 14.65 DEG							
0.	.0424	.0428	.0397	.0360	.0350	.0349	.0362	.0364	.0375	.0377	.0369	.0373	.0369	.0377
10.			.0317	.0311	.0299		.0319	.0308	.0310	.0313	.0300	.0304	.0318	.0326
20.		.0392	.0320	.0304	.0291	.0308	.0326	.0320	.0336	.0326	.0306	.0307	.0333	.0337
30.				.0296	.0299	.0306	.0341	.0338	.0331	.0339	.0326	.0299	.0325	.0345
40.	.0477	.0397	.0326	.0309	.0306	.0347	.0367	.0348	.0335	.0347	.0353	.0326	.0336	.0360
60.			.0365		.0345	.0359	.0350	.0357	.0353	.0368	.0380	.0388	.0377	.0400
90.	.0767	.0521	.0416	.0421	.0445	.0414	.0426	.0431	.0419	.0420	.0427	.0444	.0444	.0442
120.			.0506		.0555	.0545	.0574	.0573	.0575	.0583	.0602	.0575	.0610	.0612
140.	.1549	.0824	.0722	.0736	.0721	.0723	.0748	.0769	.0748	.0759	.0757	.0767	.0776	.0736
150.				.0948	.0903	.0914	.0970	.0973	.0956	.0962	.0977	.0951	.0989	.1049
160.		.1389	.1487	.1374	.1369	.1381	.1434	.1458	.1485	.1425	.1433	.1419	.1494	.1475
170.			.2392	.2541	.2560	.2574	.2683	.2664	.2681	.2715	.2702	.2707	.2705	.2729
180.	.5739	.5640	.5516	.5791	.5712	.5784	.5807	.5800	.5853	.5813	.5774	.5782	.5756	.5813
190.			.2778	.2938	.2954	.2960	.3078	.3080	.3086	.3131	.3118	.3118	.3123	.3134
200.		.1837	.1850	.1695	.1722	.1724	.1789	.1812	.1831	.1823	.1804	.1801	.1868	.1871
210.				.1248	.1226	.1228	.1265	.1302	.1280	.1306	.1295	.1275	.1354	.1369
220.	.1892	.1115	.1036	.1040	.1001	.0998	.1044	.1073	.1072	.1068	.1081	.1057	.1081	.1089
240.			.0761		.0814	.0798	.0845	.0850	.0856	.0882	.0885	.0877	.0901	.0904
270.	.1033	.0760	.0653	.0652	.0677	.0648	.0661	.0673	.0665	.0669	.0665	.0696	.0706	.0696
300.			.0566		.0530	.0535	.0546	.0558	.0559	.0570	.0591	.0595	.0575	.0603
320.	.0652	.0561	.0491	.0480	.0480	.0500	.0543	.0510	.0506	.0522	.0527	.0501	.0504	.0535
330.				.0443	.0443	.0451	.0482	.0486	.0478	.0497	.0480	.0454	.0481	.0502
340.		.0504	.0436	.0424	.0404	.0410	.0448	.0459	.0460	.0457	.0437	.0435	.0458	.0469
350.			.0412	.0404	.0384		.0409	.0409	.0407	.0417	.0408	.0413	.0417	.0427
							FOR ALPHA = 19.65 DEG							
0.	.0261	.0263	.0224	.0187	.0183	.0172	.0174	.0169	.0174	.0186	.0187	.0192	.0193	.0203
10.			.0158	.0152	.0145		.0162	.0157	.0157	.0162	.0148	.0144	.0154	.0165
20.		.0202	.0149	.0139	.0134	.0151	.0175	.0153	.0146	.0144	.0126	.0125	.0148	.0156
30.				.0145	.0154	.0169	.0181	.0153	.0158	.0168	.0159	.0136	.0159	.0175
40.	.0324	.0239	.0172	.0150	.0161	.0219	.0190	.0192	.0189	.0209	.0206	.0183	.0202	.0213
60.			.0278		.0300	.0235	.0252	.0259	.0257	.0272	.0300	.0295	.0280	.0287
90.	.0780	.0501	.0402	.0455	.0428	.0415	.0435	.0386	.0434	.0436	.0400	.0432	.0427	.0435
120.			.0674		.0614	.0632	.0610	.0637	.0661	.0684	.0643	.0678	.0702	.0651
140.	.1752	.0956	.0931	.0885	.0869	.0835	.0905	.0918	.0897	.0892	.0894	.0890	.0897	.0920
150.				.1106	.1118	.1141	.1179	.1201	.1151	.1183	.1198	.1200	.1251	.1284
160.		.1709	.1776	.1717	.1688	.1744	.1771	.1788	.1794	.1784	.1757	.1738	.1806	.1808
170.			.2871	.3178	.3211	.3200	.3323	.3309	.3320	.3372	.3359	.3365	.3374	.3401
180.	.7302	.7219	.7070	.7378	.7282	.7363	.7360	.7343	.7406	.7355	.7291	.7302	.7277	.7338
190.			.3326	.3620	.3644	.3622	.3760	.3735	.3758	.3812	.3804	.3810	.3817	.3826
200.		.2093	.2146	.2083	.2046	.2095	.2124	.2146	.2175	.2137	.2127	.2103	.2206	.2193
210.				.1439	.1446	.1450	.1504	.1514	.1471	.1490	.1527	.1497	.1554	.1599
220.	.2103	.1244	.1195	.1184	.1173	.1124	.1220	.1207	.1208	.1201	.1198	.1173	.1230	.1222
240.			.0942		.0886	.0895	.0890	.0949	.0946	.0925	.0950	.0974	.0933	.0956
270.	.1058	.0745	.0634	.0680	.0679	.0654	.0671	.0643	.0685	.0686	.0664	.0683	.0693	.0694
300.			.0491		.0486	.0449	.0479	.0477	.0462	.0486	.0522	.0535	.0509	.0521
320.	.0496	.0406	.0339	.0323	.0314	.0360	.0368	.0366	.0362	.0382	.0387	.0353	.0375	.0408
330.				.0280	.0290	.0296	.0310	.0290	.0297	.0313	.0295	.0271	.0292	.0307
340.		.0273	.0224	.0220	.0220	.0227	.0254	.0245	.0238	.0234	.0210	.0208	.0228	.0235
350.			.0177	.0166	.0168		.0187	.0176	.0180	.0188	.0158	.0164	.0173	.0185

TABLE III. - CONTINUED

(J) MACH = 3.95, BETA = .99 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 14.65 DEG								
0.	.0381	.0364	.0370	.0362	.0364	.0396	.0401	.0403	.0401	.0380	.0370	.0384	.0377	0.
10.	.0326	.0327	.0310	.0291	.0333	.0351	.0356	.0359	.0353	.0327	.0329	.0338	.0344	10.
20.	.0320	.0307	.0305	.0301	.0300	.0345	.0353	.0349	.0341	.0312	.0299	.0322	.0333	20.
30.	.0323	.0314	.0308	.0291	.0345	.0344	.0345	.0349	.0342	.0313	.0303	.0307	.0322	30.
40.	.0342		.0313	.0307	.0343	.0353	.0352	.0350	.0347	.0314	.0296	.0313	.0339	40.
60.	.0376	.0356	.0352	.0345	.0376	.0374	.0373	.0379	.0362	.0346	.0370	.0381	.0393	60.
90.	.0430	.0419	.0421	.0425	.0426	.0438	.0445	.0452	.0423	.0417	.0442	.0467	.0485	90.
120.	.0595	.0543	.0569	.0589	.0595	.0607	.0596	.0600	.0562	.0553	.0576	.0602	.0630	120.
140.	.0762		.0710	.0722	.0749	.0769	.0790	.0789	.0782	.0758	.0747	.0766	.0800	140.
150.	.0956	.0956	.0941	.0919	.0929	.0962	.0985	.0986	.0974	.0961	.0963	.0959	.0981	150.
160.	.1456	.1452	.1454	.1464	.1452	.1475	.1478	.1471	.1451	.1434	.1420	.1437	.1466	160.
170.	.2622	.2726	.2631	.2587	.2641	.2574	.2570	.2578	.2534	.2536	.2534	.2564	.2584	170.
180.	.5828	.5781	.5747	.5688	.5684	.5698	.5693	.5690	.5655	.5624	.5599	.5680	.5609	180.
190.	.3036	.3126	.3020	.2975	.3046	.2974	.2979	.2983	.2935	.2930	.2930	.2959	.2996	190.
200.	.1806	.1828	.1811	.1844	.1803	.1813	.1847	.1820	.1796	.1794	.1756	.1796	.1805	200.
210.	.1297	.1252	.1256	.1214	.1264	.1300	.1306	.1326	.1310	.1287	.1286	.1286	.1301	210.
220.	.1056		.1029	.1043	.1066	.1089	.1102	.1106	.1101	.1068	.1060	.1086	.1117	220.
240.	.0888	.0845	.0867	.0859	.0889	.0906	.0892	.0888	.0829	.0829	.0857	.0892	.0924	240.
270.	.0681	.0659	.0665	.0678	.0678	.0684	.0693	.0695	.0672	.0664	.0696	.0718	.0739	270.
300.	.0586	.0567	.0563	.0557	.0578	.0575	.0573	.0582	.0566	.0562	.0589	.0599	.0608	300.
320.	.0515		.0483	.0479	.0507	.0522	.0522	.0524	.0520	.0493	.0473	.0492	.0520	320.
330.	.0470	.0460	.0452	.0442	.0481	.0485	.0487	.0493	.0485	.0465	.0453	.0458	.0478	330.
340.	.0447	.0425	.0422	.0427	.0423	.0457	.0466	.0461	.0454	.0435	.0424	.0447	.0465	340.
350.	.0412	.0423	.0398	.0382	.0429	.0429	.0433	.0431	.0429	.0413	.0418	.0429	.0440	350.
						FOR ALPHA = 19.65 DEG								
0.	.0204	.0182	.0183	.0173	.0173	.0194	.0199	.0200	.0202	.0189	.0183	.0192	.0191	0.
10.	.0171	.0163	.0154	.0139	.0167	.0173	.0179	.0177	.0173	.0158	.0161	.0168	.0177	10.
20.	.0139	.0125	.0127	.0129	.0125	.0151	.0159	.0157	.0150	.0133	.0125	.0143	.0154	20.
30.	.0152	.0141	.0129	.0118	.0159	.0147	.0151	.0155	.0149	.0130	.0124	.0129	.0143	30.
40.	.0186		.0157	.0158	.0177	.0186	.0184	.0183	.0181	.0152	.0140	.0156	.0175	40.
60.	.0274	.0266	.0263	.0256	.0276	.0268	.0273	.0273	.0280	.0256	.0282	.0295	.0298	60.
90.	.0416	.0401	.0417	.0417	.0418	.0425	.0440	.0442	.0422	.0411	.0440	.0463	.0483	90.
120.	.0670	.0645	.0623	.0641	.0663	.0677	.0666	.0671	.0639	.0631	.0657	.0686	.0718	120.
140.	.0880		.0861	.0866	.0874	.0918	.0927	.0923	.0936	.0913	.0895	.0921	.0962	140.
150.	.1158	.1151	.1148	.1107	.1118	.1173	.1173	.1198	.1192	.1183	.1167	.1179	.1196	150.
160.	.1767	.1771	.1792	.1765	.1766	.1798	.1807	.1826	.1800	.1778	.1752	.1801	.1781	160.
170.	.3275	.3398	.3299	.3233	.3310	.3231	.3217	.3217	.3191	.3194	.3175	.3210	.3230	170.
180.	.7364	.7338	.7320	.7282	.7286	.7279	.7273	.7286	.7253	.7202	.7155	.7233	.7118	180.
190.	.3727	.3838	.3721	.3668	.3746	.3654	.3656	.3666	.3614	.3616	.3629	.3650	.3674	190.
200.	.2160	.2160	.2200	.2166	.2155	.2172	.2222	.2225	.2158	.2153	.2135	.2161	.2174	200.
210.	.1467	.1468	.1469	.1436	.1432	.1467	.1495	.1534	.1511	.1499	.1502	.1488	.1521	210.
220.	.1176		.1146	.1164	.1179	.1202	.1224	.1234	.1238	.1218	.1198	.1236	.1274	220.
240.	.0956	.0906	.0918	.0937	.0939	.0968	.0976	.0973	.0906	.0907	.0933	.0975	.1006	240.
270.	.0671	.0658	.0659	.0675	.0659	.0671	.0686	.0694	.0675	.0663	.0693	.0717	.0735	270.
300.	.0497	.0483	.0473	.0475	.0494	.0493	.0493	.0506	.0491	.0483	.0511	.0522	.0525	300.
320.	.0376		.0333	.0333	.0360	.0368	.0363	.0367	.0364	.0334	.0315	.0333	.0357	320.
330.	.0280	.0285	.0274	.0259	.0296	.0289	.0289	.0296	.0289	.0267	.0256	.0262	.0277	330.
340.	.0204	.0192	.0198	.0204	.0201	.0239	.0244	.0240	.0232	.0211	.0200	.0217	.0228	340.
350.	.0179	.0175	.0164	.0155	.0188	.0194	.0199	.0195	.0192	.0175	.0178	.0184	.0195	350.

TABLE III. - CONTINUED

(K) MACH = 3.95, BETA = 3.01 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -1.35 DEG								
0.	.2255	.2305	.2308	.2266	.2285	.2333	.2373	.2376	.2416	.2406	.2393	.2403	.2398	.2421
10.			.0782	.0843	.0855		.0918	.0909	.0922	.0941	.0929	.0931	.0937	.0943
20.		.0647	.0482	.0496	.0454	.0479	.0487	.0490	.0503	.0500	.0476	.0476	.0502	.0520
30.				.0404	.0364	.0346	.0386	.0381	.0399	.0420	.0403	.0382	.0415	.0431
40.	.0601	.0475	.0363	.0356	.0345	.0342	.0367	.0384	.0394	.0401	.0397	.0376	.0390	.0404
60.			.0366		.0345	.0351	.0362	.0368	.0363	.0374	.0378	.0381	.0379	.0396
90.	.0605	.0455	.0355	.0354	.0331	.0336	.0353	.0353	.0348	.0361	.0349	.0374	.0388	.0383
120.			.0346		.0324	.0325	.0348	.0360	.0355	.0362	.0363	.0367	.0359	.0374
140.	.0821	.0388	.0342	.0327	.0329	.0354	.0356	.0354	.0364	.0366	.0363	.0351	.0363	.0384
150.				.0341	.0315	.0319	.0374	.0368	.0355	.0371	.0351	.0343	.0366	.0388
160.		.0489	.0352	.0387	.0380	.0380	.0407	.0411	.0423	.0404	.0385	.0378	.0399	.0408
170.			.0543	.0633	.0642	.0640	.0685	.0661	.0666	.0680	.0658	.0648	.0645	.0656
180.	.2438	.1775	.1771	.1748	.1743	.1784	.1808	.1796	.1820	.1809	.1785	.1782	.1764	.1781
190.			.1333	.1449	.1442	.1446	.1519	.1505	.1507	.1530	.1508	.1489	.1497	.1501
200.		.1203	.1138	.1157	.1137	.1132	.1184	.1198	.1226	.1225	.1197	.1181	.1236	.1242
210.				.1043	.1039	.1032	.1074	.1090	.1097	.1116	.1117	.1068	.1130	.1152
220.	.1552	.1076	.0981	.1013	.1017	.1010	.1039	.1049	.1059	.1070	.1082	.1053	.1071	.1107
240.			.0956		.1003	.0996	.1011	.1020	.1025	.1036	.1062	.1056	.1046	.1074
270.	.1320	.1167	.1004	.1010	.1017	.0981	.1005	.1015	.1008	.1016	.1020	.1053	.1075	.1063
300.			.1019		.0992	.0999	.1032	.1048	.1037	.1038	.1067	.1063	.1053	.1083
320.	.1323	.1206	.1057	.1056	.1041	.1044	.1084	.1100	.1102	.1114	.1127	.1095	.1117	.1153
330.				.1114	.1115	.1098	.1143	.1165	.1157	.1178	.1201	.1150	.1223	.1235
340.		.1454	.1262	.1258	.1266	.1264	.1312	.1325	.1357	.1352	.1328	.1332	.1382	.1401
350.			.1612	.1699	.1692		.1801	.1789	.1793	.1825	.1812	.1807	.1822	.1829
						FOR ALPHA = -.35 DEG								
0.	.2062	.2111	.2114	.2072	.2092	.2134	.2178	.2174	.2207	.2205	.2194	.2200	.2187	.2212
10.			.0709	.0774	.0785		.0839	.0830	.0839	.0858	.0848	.0848	.0848	.0855
20.		.0616	.0438	.0462	.0438	.0461	.0475	.0466	.0484	.0472	.0461	.0455	.0481	.0499
30.				.0389	.0350	.0344	.0382	.0380	.0399	.0411	.0402	.0380	.0417	.0434
40.	.0584	.0475	.0363	.0355	.0348	.0352	.0373	.0382	.0386	.0403	.0401	.0381	.0390	.0404
60.			.0365		.0347	.0348	.0371	.0366	.0365	.0371	.0385	.0385	.0381	.0398
90.	.0612	.0461	.0366	.0359	.0339	.0338	.0357	.0359	.0350	.0361	.0349	.0371	.0386	.0385
120.			.0342		.0334	.0341	.0356	.0364	.0362	.0371	.0370	.0373	.0366	.0381
140.	.0927	.0395	.0371	.0335	.0336	.0357	.0369	.0365	.0358	.0378	.0377	.0366	.0375	.0384
150.				.0352	.0329	.0327	.0373	.0378	.0358	.0384	.0373	.0356	.0379	.0386
160.		.0515	.0372	.0413	.0405	.0403	.0433	.0433	.0445	.0430	.0408	.0407	.0430	.0443
170.			.0613	.0699	.0712	.0706	.0758	.0743	.0744	.0758	.0734	.0730	.0725	.0732
180.	.2595	.1957	.1954	.1921	.1934	.1972	.2005	.1992	.2015	.2002	.1975	.1972	.1954	.1971
190.			.1419	.1541	.1532	.1541	.1619	.1612	.1610	.1630	.1611	.1594	.1599	.1602
200.		.1231	.1171	.1205	.1185	.1185	.1237	.1257	.1280	.1271	.1246	.1244	.1285	.1299
210.				.1077	.1068	.1059	.1102	.1127	.1128	.1145	.1146	.1105	.1168	.1186
220.	.1709	.1091	.1025	.1043	.1039	.1021	.1062	.1073	.1077	.1088	.1105	.1080	.1097	.1131
240.			.0982		.1012	.1006	.1032	.1039	.1032	.1042	.1068	.1067	.1055	.1082
270.	.1335	.1177	.1012	.0998	.1010	.0988	.0991	.0995	.0999	.1021	.1029	.1061	.1081	.1070
300.			.1014		.0996	.0980	.1016	.1027	.1025	.1037	.1071	.1062	.1051	.1080
320.	.1273	.1197	.1025	.1047	.1011	.1031	.1071	.1083	.1085	.1096	.1111	.1081	.1097	.1134
330.				.1075	.1107	.1071	.1122	.1145	.1141	.1152	.1161	.1123	.1189	.1203
340.		.1401	.1223	.1218	.1227	.1224	.1264	.1288	.1316	.1304	.1290	.1285	.1325	.1352
350.			.1567	.1590	.1593		.1699	.1690	.1691	.1720	.1711	.1702	.1712	.1717
						FOR ALPHA = .65 DEG								
0.	.1884	.1932	.1938	.1898	.1910	.1949	.1989	.1987	.2022	.2014	.1999	.2002	.1996	.2018
10.			.0646	.0718	.0718		.0766	.0759	.0765	.0785	.0770	.0765	.0767	.0776
20.		.0589	.0411	.0433	.0429	.0440	.0457	.0454	.0465	.0457	.0438	.0437	.0466	.0479
30.				.0371	.0341	.0342	.0397	.0405	.0388	.0396	.0393	.0379	.0412	.0425
40.	.0566	.0474	.0363	.0356	.0347	.0369	.0380	.0383	.0384	.0395	.0391	.0379	.0395	.0410
60.			.0367		.0351	.0349	.0370	.0370	.0363	.0375	.0387	.0387	.0382	.0400
90.	.0613	.0462	.0362	.0364	.0345	.0342	.0358	.0364	.0355	.0364	.0350	.0375	.0389	.0387
120.			.0339		.0340	.0341	.0355	.0363	.0362	.0367	.0371	.0370	.0367	.0383
140.	.0994	.0403	.0389	.0337	.0331	.0348	.0362	.0368	.0371	.0387	.0381	.0363	.0370	.0383
150.				.0371	.0341	.0336	.0369	.0367	.0382	.0394	.0377	.0359	.0392	.0409
160.		.0542	.0407	.0450	.0421	.0429	.0458	.0443	.0464	.0452	.0435	.0427	.0448	.0465
170.			.0690	.0772	.0784	.0776	.0829	.0818	.0825	.0838	.0823	.0816	.0811	.0814
180.	.2754	.2150	.2147	.2111	.2128	.2164	.2198	.2194	.2217	.2201	.2178	.2174	.2155	.2171
190.			.1516	.1636	.1633	.1641	.1725	.1710	.1712	.1731	.1719	.1704	.1709	.1708
200.		.1248	.1197	.1244	.1233	.1240	.1283	.1296	.1331	.1318	.1298	.1290	.1331	.1352
210.				.1105	.1094	.1084	.1132	.1154	.1154	.1169	.1180	.1139	.1205	.1219
220.	.1894	.1111	.1040	.1060	.1047	.1037	.1074	.1090	.1101	.1113	.1127	.1097	.1121	.1153
240.			.0978		.1020	.1015	.1039	.1046	.1044	.1048	.1070	.1071	.1065	.1093
270.	.1342	.1177	.1003	.1008	.1002	.0989	.1004	.1019	.1011	.1027	.1030	.1065	.1085	.1071
300.			.1011		.0996	.0965	.0992	.1027	.1019	.1027	.1067	.1065	.1053	.1080
320.	.1252	.1195	.1001	.1038	.0990	.1010	.1057	.1057	.1063	.1090	.1107	.1072	.1086	.1124
330.				.1091	.1061	.1055	.1089	.1114	.1122	.1136	.1143	.1100	.1163	.1183
340.		.1356	.1188	.1215	.1145	.1163	.1214	.1240	.1272	.1262	.1245	.1249	.1294	.1306
350.			.1503	.1494	.1520		.1600	.1595	.1603	.1624	.1613	.1602	.1614	.1618

TABLE III. - CONTINUED

(K) MACH = 3.95, BETA = 3.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -1.35 DEG								
0.	.2436	.2407	.2411	.2385	.2391	.2434	.2446	.2449	.2452	.2421	.2402	.2456	.2429	0.
10.	.0860	.0928	.0895	.0856	.0916	.0937	.0930	.0925	.0905	.0920	.0921	.0933	.0938	10.
20.	.0480	.0475	.0488	.0473	.0476	.0527	.0542	.0538	.0529	.0510	.0502	.0528	.0540	20.
30.	.0378	.0377	.0384	.0384	.0412	.0432	.0442	.0452	.0440	.0423	.0411	.0418	.0430	30.
40.	.0374		.0365	.0369	.0400	.0412	.0417	.0420	.0420	.0397	.0385	.0402	.0428	40.
60.	.0371	.0344	.0352	.0357	.0387	.0394	.0395	.0397	.0377	.0362	.0389	.0411	.0433	60.
90.	.0364	.0347	.0348	.0357	.0355	.0361	.0366	.0367	.0349	.0341	.0367	.0391	.0410	90.
120.	.0355	.0337	.0335	.0332	.0343	.0343	.0345	.0350	.0346	.0331	.0357	.0375	.0395	120.
140.	.0358		.0326	.0328	.0344	.0351	.0361	.0365	.0364	.0346	.0334	.0349	.0374	140.
150.	.0353	.0333	.0339	.0333	.0358	.0364	.0373	.0379	.0368	.0352	.0345	.0348	.0366	150.
160.	.0381	.0370	.0360	.0369	.0346	.0388	.0394	.0391	.0390	.0382	.0373	.0403	.0421	160.
170.	.0600	.0639	.0609	.0577	.0624	.0612	.0613	.0629	.0605	.0604	.0605	.0627	.0633	170.
180.	.1787	.1758	.1751	.1725	.1727	.1744	.1752	.1753	.1753	.1734	.1713	.1748	.1728	180.
190.	.1464	.1499	.1454	.1415	.1501	.1479	.1487	.1489	.1466	.1464	.1473	.1491	.1518	190.
200.	.1226	.1207	.1189	.1190	.1169	.1211	.1223	.1218	.1193	.1185	.1169	.1218	.1241	200.
210.	.1100	.1078	.1074	.1057	.1070	.1105	.1111	.1122	.1108	.1100	.1078	.1086	.1114	210.
220.	.1087		.1031	.1032	.1054	.1068	.1082	.1095	.1092	.1072	.1040	.1064	.1102	220.
240.	.1058	.1019	.1024	.1023	.1041	.1043	.1042	.1051	.1019	.1027	.1061	.1086	.1111	240.
270.	.1048	.1018	.1027	.1043	.1039	.1046	.1059	.1060	.1037	.1028	.1066	.1105	.1136	270.
300.	.1060	.1029	.1042	.1044	.1089	.1098	.1100	.1109	.1057	.1071	.1115	.1146	.1178	300.
320.	.1125		.1089	.1097	.1141	.1163	.1182	.1195	.1197	.1163	.1140	.1166	.1202	320.
330.	.1169	.1164	.1169	.1166	.1196	.1252	.1260	.1272	.1254	.1227	.1211	.1215	.1238	330.
340.	.1363	.1351	.1347	.1358	.1368	.1431	.1453	.1452	.1421	.1393	.1369	.1412	.1431	340.
350.	.1772	.1828	.1790	.1747	.1853	.1847	.1855	.1858	.1830	.1822	.1839	.1863	.1895	350.
						FOR ALPHA = -.35 DEG								
0.	.2228	.2198	.2204	.2178	.2178	.2219	.2232	.2242	.2245	.2215	.2192	.2238	.2218	0.
10.	.0789	.0857	.0821	.0785	.0836	.0850	.0833	.0839	.0834	.0836	.0830	.0842	.0857	10.
20.	.0456	.0464	.0467	.0456	.0473	.0502	.0504	.0509	.0506	.0488	.0474	.0506	.0514	20.
30.	.0397	.0384	.0388	.0390	.0411	.0423	.0430	.0441	.0431	.0417	.0407	.0407	.0423	30.
40.	.0388		.0369	.0371	.0391	.0403	.0409	.0414	.0415	.0397	.0383	.0398	.0423	40.
60.	.0383	.0361	.0367	.0360	.0380	.0384	.0384	.0390	.0376	.0364	.0389	.0408	.0430	60.
90.	.0374	.0359	.0361	.0365	.0358	.0365	.0370	.0371	.0355	.0348	.0374	.0397	.0420	90.
120.	.0365	.0347	.0348	.0346	.0358	.0362	.0362	.0363	.0356	.0340	.0369	.0385	.0406	120.
140.	.0363		.0339	.0342	.0356	.0369	.0379	.0379	.0382	.0360	.0346	.0358	.0384	140.
150.	.0349	.0348	.0354	.0337	.0370	.0378	.0390	.0393	.0384	.0366	.0358	.0362	.0377	150.
160.	.0409	.0408	.0387	.0383	.0394	.0412	.0431	.0427	.0421	.0399	.0394	.0426	.0439	160.
170.	.0672	.0726	.0685	.0653	.0702	.0697	.0687	.0704	.0695	.0682	.0673	.0693	.0713	170.
180.	.1977	.1944	.1937	.1913	.1914	.1933	.1943	.1944	.1938	.1918	.1894	.1936	.1914	180.
190.	.1555	.1590	.1543	.1502	.1592	.1574	.1586	.1588	.1558	.1559	.1568	.1584	.1613	190.
200.	.1259	.1255	.1233	.1230	.1234	.1257	.1283	.1274	.1254	.1243	.1226	.1276	.1293	200.
210.	.1123	.1101	.1096	.1085	.1102	.1143	.1147	.1159	.1144	.1132	.1112	.1118	.1143	210.
220.	.1100		.1047	.1055	.1082	.1098	.1108	.1119	.1118	.1096	.1062	.1088	.1124	220.
240.	.1056	.1024	.1030	.1034	.1061	.1062	.1058	.1066	.1028	.1040	.1074	.1103	.1130	240.
270.	.1046	.1018	.1029	.1048	.1043	.1052	.1065	.1065	.1041	.1031	.1068	.1109	.1140	270.
300.	.1055	.1023	.1041	.1043	.1078	.1084	.1088	.1095	.1046	.1058	.1100	.1133	.1163	300.
320.	.1106		.1075	.1081	.1119	.1136	.1157	.1172	.1172	.1136	.1110	.1139	.1177	320.
330.	.1138	.1127	.1136	.1129	.1163	.1210	.1220	.1235	.1216	.1193	.1174	.1180	.1206	330.
340.	.1300	.1297	.1306	.1306	.1304	.1372	.1395	.1388	.1366	.1333	.1311	.1361	.1378	340.
350.	.1663	.1715	.1680	.1643	.1742	.1733	.1741	.1751	.1722	.1715	.1730	.1750	.1781	350.
						FOR ALPHA = .65 DEG								
0.	.2030	.2002	.2006	.1978	.1979	.2022	.2040	.2049	.2049	.2017	.1994	.2041	.2022	0.
10.	.0711	.0773	.0740	.0706	.0757	.0768	.0762	.0773	.0769	.0753	.0742	.0761	.0782	10.
20.	.0437	.0437	.0428	.0429	.0436	.0474	.0501	.0497	.0489	.0463	.0456	.0485	.0498	20.
30.	.0386	.0376	.0382	.0375	.0415	.0422	.0436	.0443	.0433	.0410	.0401	.0401	.0414	30.
40.	.0385		.0362	.0365	.0392	.0402	.0415	.0420	.0421	.0396	.0381	.0394	.0417	40.
60.	.0381	.0359	.0362	.0358	.0384	.0385	.0391	.0395	.0377	.0364	.0390	.0411	.0431	60.
90.	.0371	.0356	.0357	.0362	.0356	.0364	.0372	.0373	.0356	.0349	.0375	.0400	.0419	90.
120.	.0364	.0344	.0350	.0345	.0350	.0360	.0363	.0362	.0358	.0342	.0368	.0388	.0408	120.
140.	.0364		.0344	.0349	.0355	.0373	.0380	.0378	.0377	.0363	.0348	.0367	.0388	140.
150.	.0362	.0346	.0344	.0348	.0360	.0381	.0385	.0397	.0383	.0375	.0366	.0368	.0384	150.
160.	.0425	.0426	.0424	.0405	.0425	.0442	.0438	.0436	.0431	.0424	.0409	.0451	.0452	160.
170.	.0747	.0806	.0765	.0728	.0777	.0777	.0759	.0763	.0759	.0768	.0759	.0771	.0786	170.
180.	.2179	.2145	.2136	.2111	.2109	.2128	.2138	.2134	.2127	.2113	.2090	.2130	.2109	180.
190.	.1651	.1690	.1644	.1599	.1694	.1670	.1680	.1685	.1655	.1660	.1669	.1682	.1710	190.
200.	.1303	.1287	.1285	.1275	.1275	.1324	.1339	.1326	.1319	.1299	.1282	.1330	.1335	200.
210.	.1149	.1124	.1125	.1111	.1129	.1174	.1181	.1192	.1175	.1168	.1147	.1150	.1176	210.
220.	.1120		.1069	.1073	.1097	.1114	.1125	.1137	.1138	.1118	.1089	.1115	.1150	220.
240.	.1065	.1025	.1044	.1044	.1069	.1076	.1073	.1078	.1041	.1050	.1090	.1119	.1143	240.
270.	.1047	.1017	.1031	.1046	.1042	.1051	.1065	.1064	.1042	.1031	.1067	.1105	.1137	270.
300.	.1059	.1023	.1038	.1037	.1075	.1080	.1082	.1088	.1040	.1050	.1091	.1117	.1149	300.
320.	.1100		.1060	.1066	.1107	.1126	.1140	.1149	.1147	.1110	.1085	.1110	.1150	320.
330.	.1126	.1110	.1114	.1103	.1135	.1182	.1189	.1200	.1183	.1158	.1141	.1149	.1174	330.
340.	.1271	.1275	.1266	.1259	.1262	.1315	.1340	.1330	.1305	.1279	.1259	.1314	.1334	340.
350.	.1575	.1620	.1584	.1545	.1639	.1636	.1643	.1650	.1625	.1618	.1630	.1650	.1678	350.

TABLE III. - CONTINUED

(K) MACH = 3.95, BETA = 3.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 2.66 DEG							
0.	.1562	.1598	.1613	.1572	.1557	.1595	.1630	.1629	.1654	.1646	.1633	.1638	.1631	.1652
10.			.0555	.0608	.0600		.0634	.0622	.0627	.0644	.0626	.0619	.0625	.0640
20.		.0548	.0387	.0409	.0364	.0387	.0408	.0416	.0431	.0423	.0404	.0400	.0419	.0427
30.				.0368	.0361	.0337	.0371	.0386	.0387	.0390	.0379	.0365	.0413	.0425
40.	.0553	.0477	.0366	.0359	.0355	.0359	.0375	.0367	.0374	.0384	.0392	.0375	.0391	.0410
60.			.0369		.0354	.0347	.0359	.0352	.0349	.0362	.0379	.0391	.0390	.0405
90.	.0599	.0450	.0370	.0363	.0346	.0345	.0356	.0354	.0347	.0364	.0353	.0374	.0387	.0380
120.			.0355		.0337	.0341	.0356	.0354	.0356	.0363	.0372	.0366	.0361	.0378
140.	.1008	.0414	.0383	.0348	.0326	.0338	.0361	.0372	.0381	.0389	.0372	.0359	.0371	.0383
150.				.0386	.0354	.0340	.0382	.0387	.0387	.0404	.0379	.0368	.0406	.0421
160.		.0605	.0507	.0504	.0473	.0482	.0498	.0501	.0507	.0501	.0482	.0487	.0511	.0529
170.			.0853	.0923	.0937	.0931	.0999	.0983	.0992	.1013	.0996	.0992	.0996	.1002
180.	.3097	.2567	.2557	.2537	.2549	.2586	.2617	.2613	.2647	.2631	.2609	.2604	.2584	.2602
190.			.1733	.1820	.1852	.1853	.1951	.1928	.1926	.1956	.1944	.1934	.1936	.1938
200.		.1319	.1320	.1339	.1329	.1345	.1395	.1416	.1430	.1416	.1399	.1393	.1449	.1463
210.				.1172	.1137	.1144	.1205	.1220	.1207	.1233	.1245	.1205	.1267	.1277
220.	.1992	.1157	.1110	.1092	.1085	.1066	.1122	.1143	.1148	.1151	.1167	.1144	.1162	.1190
240.			.0988		.1037	.1029	.1052	.1059	.1054	.1059	.1096	.1091	.1083	.1111
270.	.1323	.1145	.1016	.1028	.1010	.0981	.1005	.1021	.1017	.1026	.1031	.1064	.1077	.1062
300.			.1003		.0983	.0938	.0941	.0985	.1014	.1027	.1060	.1059	.1045	.1065
320.	.1237	.1179	.1002	.1015	.0977	.0976	.1026	.1034	.1041	.1057	.1080	.1046	.1058	.1091
330.				.1032	.1001	.1019	.1061	.1071	.1070	.1083	.1091	.1049	.1109	.1126
340.		.1259	.1116	.1132	.1089	.1103	.1148	.1168	.1178	.1163	.1145	.1141	.1189	.1206
350.			.1339	.1369	.1333		.1418	.1416	.1416	.1437	.1422	.1412	.1424	.1430
							FOR ALPHA = 4.66 DEG							
0.	.1270	.1296	.1326	.1283	.1247	.1271	.1304	.1304	.1323	.1320	.1306	.1311	.1300	.1317
10.			.0481	.0494	.0504		.0529	.0512	.0516	.0526	.0512	.0508	.0514	.0522
20.		.0505	.0366	.0394	.0365	.0373	.0391	.0383	.0391	.0390	.0369	.0365	.0379	.0390
30.				.0355	.0348	.0340	.0361	.0340	.0372	.0387	.0368	.0350	.0388	.0405
40.	.0535	.0470	.0359	.0351	.0344	.0355	.0362	.0354	.0364	.0376	.0380	.0361	.0375	.0401
60.			.0366		.0343	.0339	.0352	.0348	.0344	.0351	.0368	.0376	.0373	.0388
90.	.0598	.0429	.0346	.0355	.0341	.0339	.0352	.0353	.0342	.0356	.0342	.0359	.0371	.0366
120.			.0345		.0340	.0339	.0347	.0349	.0358	.0368	.0371	.0359	.0356	.0373
140.	.1021	.0425	.0372	.0352	.0336	.0336	.0355	.0366	.0374	.0381	.0367	.0358	.0386	.0394
150.				.0378	.0360	.0358	.0397	.0399	.0399	.0406	.0402	.0386	.0424	.0422
160.		.0674	.0614	.0545	.0538	.0538	.0564	.0570	.0591	.0580	.0569	.0544	.0583	.0613
170.			.1041	.1092	.1107	.1116	.1178	.1173	.1174	.1199	.1185	.1190	.1194	.1204
180.	.3443	.3008	.2997	.3012	.2994	.3033	.3058	.3059	.3092	.3078	.3058	.3058	.3037	.3060
190.			.1936	.2037	.2076	.2072	.2167	.2153	.2159	.2188	.2168	.2163	.2172	.2177
200.		.1419	.1475	.1440	.1450	.1458	.1496	.1517	.1539	.1518	.1502	.1502	.1548	.1573
210.				.1232	.1201	.1193	.1247	.1253	.1261	.1291	.1288	.1254	.1323	.1330
220.	.1957	.1190	.1214	.1109	.1108	.1091	.1146	.1172	.1172	.1194	.1194	.1171	.1202	.1220
240.			.0981		.1045	.1030	.1054	.1062	.1074	.1086	.1114	.1100	.1095	.1121
270.	.1324	.1130	.1017	.1029	.1004	.0983	.1006	.1008	.0993	.1005	.1013	.1040	.1062	.1056
300.			.1016		.0957	.0926	.0947	.0992	.1001	.1010	.1053	.1048	.1023	.1042
320.	.1199	.1162	.0971	.0982	.0948	.0910	.0961	.1000	.1012	.1028	.1046	.1009	.1019	.1054
330.				.0985	.0955	.0955	.0999	.1014	.1017	.1040	.1042	.0997	.1050	.1073
340.		.1178	.1019	.1030	.1024	.1013	.1052	.1074	.1092	.1082	.1064	.1053	.1097	.1111
350.			.1197	.1146	.1169		.1238	.1236	.1234	.1254	.1240	.1230	.1238	.1250
							FOR ALPHA = 9.65 DEG							
0.	.0695	.0699	.0748	.0658	.0645	.0647	.0676	.0672	.0682	.0679	.0667	.0670	.0665	.0678
10.			.0345	.0334	.0321		.0335	.0329	.0331	.0333	.0313	.0309	.0322	.0337
20.		.0406	.0300	.0302	.0296	.0289	.0298	.0298	.0324	.0327	.0304	.0297	.0328	.0338
30.				.0294	.0282	.0277	.0301	.0294	.0298	.0311	.0308	.0289	.0316	.0331
40.	.0429	.0391	.0301	.0288	.0277	.0297	.0303	.0296	.0306	.0315	.0319	.0302	.0312	.0333
60.			.0309		.0270	.0279	.0298	.0299	.0287	.0292	.0303	.0312	.0304	.0316
90.	.0611	.0364	.0291	.0290	.0290	.0286	.0291	.0293	.0288	.0304	.0281	.0295	.0311	.0307
120.			.0300		.0298	.0295	.0309	.0312	.0314	.0315	.0320	.0324	.0330	.0340
140.	.1102	.0510	.0401	.0379	.0347	.0373	.0385	.0376	.0370	.0393	.0367	.0353	.0369	.0355
150.				.0485	.0449	.0453	.0488	.0486	.0485	.0491	.0501	.0497	.0484	.0545
160.		.0827	.0886	.0777	.0766	.0764	.0804	.0813	.0826	.0843	.0798	.0803	.0879	.0859
170.			.1527	.1604	.1600	.1606	.1695	.1675	.1691	.1723	.1714	.1719	.1717	.1745
180.	.4454	.4245	.4086	.4279	.4231	.4269	.4306	.4305	.4348	.4328	.4305	.4314	.4292	.4331
190.			.2551	.2637	.2684	.2661	.2790	.2779	.2785	.2823	.2801	.2798	.2803	.2815
200.		.1759	.1847	.1733	.1722	.1734	.1783	.1808	.1831	.1814	.1796	.1789	.1852	.1867
210.				.1351	.1328	.1346	.1405	.1423	.1405	.1452	.1447	.1407	.1454	.1480
220.	.2148	.1232	.1314	.1223	.1208	.1190	.1236	.1256	.1266	.1274	.1287	.1251	.1299	.1305
240.			.1070		.1065	.1049	.1096	.1107	.1114	.1121	.1140	.1124	.1131	.1162
270.	.1373	.1047	.0944	.0977	.0979	.0959	.0976	.0986	.0975	.0980	.0977	.0998	.1017	.1013
300.			.0922		.0878	.0872	.0893	.0922	.0894	.0916	.0953	.0961	.0944	.0961
320.	.1012	.0977	.0843	.0860	.0803	.0811	.0886	.0888	.0885	.0909	.0936	.0892	.0895	.0928
330.				.0834	.0805	.0768	.0837	.0870	.0867	.0888	.0883	.0843	.0886	.0906
340.		.0932	.0807	.0822	.0804	.0783	.0814	.0854	.0873	.0868	.0840	.0828	.0865	.0876
350.			.0823	.0821	.0807		.0835	.0840	.0845	.0860	.0837	.0831	.0844	.0861

TABLE III. - CONTINUED

(K) MACH = 3.95, BETA = 3.01 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = 2.66 DEG								
0.	.1660	.1633	.1632	.1611	.1616	.1657	.1676	.1679	.1676	.1645	.1627	.1667	.1653	0.
10.	.0592	.0625	.0605	.0576	.0618	.0628	.0635	.0647	.0611	.0606	.0615	.0636	.0630	10.
20.	.0403	.0395	.0401	.0393	.0399	.0455	.0466	.0466	.0454	.0431	.0420	.0449	.0459	20.
30.	.0382	.0369	.0376	.0366	.0403	.0417	.0426	.0432	.0417	.0395	.0383	.0385	.0399	30.
40.	.0390		.0361	.0360	.0388	.0400	.0409	.0414	.0412	.0386	.0367	.0379	.0401	40.
60.	.0386	.0361	.0363	.0355	.0380	.0382	.0383	.0386	.0371	.0359	.0384	.0402	.0419	60.
90.	.0364	.0348	.0349	.0355	.0357	.0363	.0370	.0374	.0352	.0347	.0371	.0396	.0413	90.
120.	.0355	.0337	.0343	.0343	.0362	.0369	.0364	.0371	.0355	.0340	.0367	.0389	.0409	120.
140.	.0368		.0348	.0354	.0374	.0385	.0387	.0390	.0388	.0366	.0353	.0371	.0393	140.
150.	.0363	.0365	.0363	.0356	.0383	.0396	.0403	.0416	.0404	.0386	.0379	.0382	.0395	150.
160.	.0487	.0483	.0469	.0470	.0466	.0496	.0508	.0499	.0494	.0470	.0469	.0493	.0513	160.
170.	.0913	.0980	.0946	.0907	.0951	.0941	.0945	.0942	.0901	.0928	.0932	.0942	.0950	170.
180.	.2603	.2575	.2571	.2530	.2524	.2550	.2556	.2551	.2547	.2525	.2500	.2553	.2522	180.
190.	.1875	.1928	.1873	.1817	.1911	.1883	.1892	.1894	.1861	.1876	.1883	.1900	.1929	190.
200.	.1408	.1414	.1400	.1402	.1400	.1434	.1448	.1436	.1415	.1419	.1385	.1423	.1445	200.
210.	.1227	.1193	.1209	.1193	.1193	.1239	.1248	.1256	.1231	.1231	.1210	.1209	.1231	210.
220.	.1163		.1113	.1123	.1146	.1161	.1169	.1175	.1169	.1157	.1131	.1155	.1186	220.
240.	.1094	.1052	.1069	.1069	.1091	.1099	.1094	.1094	.1054	.1060	.1100	.1132	.1159	240.
270.	.1050	.1022	.1031	.1044	.1037	.1048	.1058	.1058	.1038	.1028	.1065	.1104	.1130	270.
300.	.1040	.1009	.1020	.1012	.1045	.1054	.1053	.1062	.1017	.1026	.1065	.1094	.1115	300.
320.	.1065		.1024	.1022	.1055	.1078	.1093	.1101	.1096	.1060	.1035	.1060	.1094	320.
330.	.1073	.1062	.1062	.1049	.1077	.1118	.1122	.1130	.1110	.1088	.1071	.1081	.1105	330.
340.	.1190	.1172	.1168	.1164	.1145	.1206	.1223	.1209	.1190	.1165	.1151	.1205	.1225	340.
350.	.1393	.1432	.1397	.1361	.1440	.1438	.1455	.1463	.1439	.1426	.1441	.1457	.1483	350.
						FOR ALPHA = 4.66 DEG								
0.	.1326	.1303	.1306	.1289	.1294	.1335	.1344	.1344	.1343	.1315	.1303	.1336	.1323	0.
10.	.0475	.0506	.0488	.0458	.0502	.0525	.0526	.0522	.0506	.0496	.0496	.0501	.0520	10.
20.	.0366	.0375	.0373	.0383	.0379	.0430	.0443	.0434	.0419	.0393	.0380	.0406	.0418	20.
30.	.0369	.0358	.0358	.0352	.0393	.0402	.0402	.0406	.0393	.0369	.0356	.0360	.0372	30.
40.	.0380		.0346	.0346	.0376	.0386	.0390	.0395	.0390	.0360	.0341	.0357	.0378	40.
60.	.0369	.0344	.0346	.0340	.0367	.0367	.0366	.0372	.0357	.0344	.0367	.0385	.0399	60.
90.	.0354	.0334	.0339	.0345	.0345	.0355	.0362	.0364	.0342	.0336	.0358	.0383	.0401	90.
120.	.0356	.0333	.0336	.0342	.0354	.0367	.0362	.0365	.0350	.0333	.0359	.0383	.0403	120.
140.	.0374		.0356	.0361	.0369	.0383	.0391	.0393	.0386	.0369	.0356	.0375	.0398	140.
150.	.0404	.0375	.0367	.0375	.0387	.0411	.0422	.0427	.0416	.0406	.0400	.0400	.0417	150.
160.	.0561	.0561	.0554	.0541	.0556	.0594	.0585	.0591	.0571	.0556	.0555	.0574	.0590	160.
170.	.1111	.1188	.1136	.1101	.1147	.1133	.1131	.1129	.1116	.1092	.1102	.1132	.1140	170.
180.	.3065	.3024	.3017	.2981	.2980	.2990	.3002	.2998	.2990	.2961	.2940	.3000	.2968	180.
190.	.2102	.2154	.2090	.2038	.2139	.2101	.2108	.2120	.2089	.2094	.2101	.2125	.2159	190.
200.	.1517	.1508	.1495	.1499	.1493	.1538	.1557	.1555	.1536	.1516	.1481	.1544	.1565	200.
210.	.1278	.1248	.1263	.1253	.1257	.1314	.1318	.1325	.1301	.1289	.1273	.1276	.1294	210.
220.	.1187		.1160	.1171	.1185	.1199	.1212	.1218	.1214	.1193	.1171	.1200	.1233	220.
240.	.1097	.1055	.1078	.1078	.1096	.1111	.1110	.1113	.1062	.1071	.1113	.1151	.1184	240.
270.	.1042	.1015	.1028	.1042	.1034	.1045	.1058	.1058	.1033	.1024	.1060	.1098	.1128	270.
300.	.1019	.0986	.0996	.0994	.1034	.1036	.1030	.1040	.0995	.1004	.1040	.1065	.1087	300.
320.	.1033		.0983	.0986	.1023	.1038	.1045	.1052	.1048	.1014	.0987	.1010	.1048	320.
330.	.1025	.1008	.1007	.0993	.1029	.1061	.1060	.1066	.1052	.1030	.1014	.1020	.1045	330.
340.	.1098	.1075	.1070	.1067	.1055	.1112	.1130	.1115	.1104	.1079	.1062	.1106	.1126	340.
350.	.1213	.1257	.1222	.1196	.1277	.1281	.1286	.1287	.1273	.1248	.1263	.1275	.1294	350.
						FOR ALPHA = 9.65 DEG								
0.	.0684	.0655	.0656	.0645	.0642	.0687	.0697	.0702	.0698	.0671	.0663	.0687	.0683	0.
10.	.0319	.0340	.0320	.0302	.0335	.0359	.0360	.0363	.0352	.0323	.0327	.0338	.0343	10.
20.	.0315	.0302	.0298	.0294	.0285	.0334	.0347	.0341	.0329	.0296	.0286	.0310	.0321	20.
30.	.0297	.0287	.0277	.0268	.0325	.0325	.0327	.0333	.0324	.0293	.0283	.0289	.0299	30.
40.	.0308		.0273	.0270	.0307	.0313	.0317	.0320	.0318	.0283	.0271	.0287	.0308	40.
60.	.0292	.0277	.0277	.0270	.0309	.0308	.0306	.0313	.0294	.0278	.0302	.0318	.0328	60.
90.	.0296	.0277	.0281	.0287	.0292	.0306	.0308	.0311	.0289	.0283	.0305	.0329	.0343	90.
120.	.0329	.0302	.0320	.0319	.0326	.0347	.0327	.0334	.0318	.0303	.0320	.0346	.0364	120.
140.	.0379		.0338	.0350	.0362	.0384	.0388	.0392	.0392	.0377	.0370	.0388	.0408	140.
150.	.0476	.0475	.0460	.0460	.0455	.0518	.0486	.0511	.0496	.0499	.0490	.0491	.0509	150.
160.	.0808	.0852	.0837	.0816	.0799	.0824	.0854	.0838	.0820	.0811	.0809	.0828	.0852	160.
170.	.1628	.1736	.1650	.1627	.1668	.1625	.1642	.1618	.1570	.1590	.1613	.1619	.1637	170.
180.	.4334	.4290	.4272	.4222	.4215	.4239	.4244	.4243	.4229	.4193	.4172	.4237	.4198	180.
190.	.2728	.2807	.2717	.2663	.2753	.2716	.2722	.2739	.2702	.2701	.2710	.2730	.2771	190.
200.	.1819	.1849	.1810	.1835	.1793	.1850	.1871	.1873	.1819	.1822	.1785	.1834	.1861	200.
210.	.1411	.1400	.1407	.1414	.1402	.1477	.1467	.1487	.1470	.1456	.1436	.1435	.1459	210.
220.	.1290		.1259	.1276	.1310	.1314	.1309	.1313	.1313	.1291	.1263	.1296	.1331	220.
240.	.1132	.1087	.1114	.1107	.1139	.1148	.1142	.1136	.1077	.1087	.1126	.1163	.1201	240.
270.	.0998	.0971	.0990	.1010	.1009	.1020	.1029	.1029	.1001	.0991	.1026	.1060	.1085	270.
300.	.0931	.0900	.0910	.0909	.0941	.0938	.0938	.0946	.0908	.0914	.0950	.0972	.0987	300.
320.	.0891		.0842	.0846	.0883	.0895	.0898	.0907	.0903	.0869	.0847	.0878	.0912	320.
330.	.0848	.0833	.0826	.0813	.0855	.0879	.0883	.0892	.0880	.0852	.0840	.0847	.0868	330.
340.	.0847	.0820	.0818	.0825	.0818	.0870	.0886	.0879	.0866	.0838	.0821	.0857	.0876	340.
350.	.0832	.0860	.0826	.0807	.0872	.0876	.0878	.0880	.0873	.0841	.0854	.0867	.0878	350.

TABLE III. - CONTINUED

(K) MACH = 3.95, BETA = 3.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 14.65 DEG							
0.	.0353	.0349	.0342	.0281	.0278	.0269	.0280	.0298	.0291	.0288	.0285	.0276	.0276	.0287
10.			.0222	.0205	.0191		.0209	.0205	.0212	.0213	.0202	.0202	.0203	.0215
20.		.0289	.0215	.0198	.0183	.0202	.0210	.0204	.0216	.0216	.0202	.0196	.0214	.0222
30.				.0184	.0177	.0184	.0212	.0203	.0198	.0209	.0198	.0179	.0203	.0220
40.	.0326	.0267	.0202	.0176	.0170	.0212	.0211	.0197	.0189	.0197	.0204	.0186	.0195	.0213
60.			.0198		.0200	.0176	.0179	.0180	.0180	.0185	.0194	.0213	.0209	.0215
90.	.0532	.0307	.0207	.0228	.0220	.0203	.0209	.0206	.0188	.0214	.0209	.0201	.0220	.0214
120.			.0278		.0317	.0288	.0325	.0300	.0343	.0316	.0311	.0318	.0326	.0330
140.	.1225	.0554	.0443	.0450	.0441	.0467	.0443	.0474	.0479	.0461	.0480	.0473	.0487	.0465
150.				.0665	.0639	.0612	.0675	.0657	.0649	.0685	.0670	.0663	.0714	.0732
160.		.1025	.1113	.1037	.1039	.1068	.1098	.1110	.1116	.1118	.1087	.1069	.1140	.1152
170.			.1978	.2134	.2166	.2178	.2272	.2252	.2260	.2305	.2294	.2301	.2310	.2336
180.	.5743	.5664	.5455	.5751	.5657	.5722	.5748	.5729	.5771	.5742	.5710	.5717	.5700	.5763
190.			.3195	.3365	.3350	.3344	.3482	.3463	.3469	.3509	.3512	.3506	.3520	.3530
200.		.2246	.2215	.2069	.2082	.2074	.2147	.2164	.2189	.2169	.2159	.2142	.2216	.2216
210.				.1578	.1548	.1560	.1579	.1618	.1610	.1625	.1627	.1624	.1701	.1716
220.	.2278	.1438	.1394	.1368	.1315	.1312	.1370	.1376	.1371	.1389	.1371	.1353	.1401	.1403
240.			.1052		.1122	.1080	.1127	.1140	.1150	.1171	.1191	.1190	.1198	.1240
270.	.1349	.1038	.0940	.0928	.0950	.0929	.0941	.0952	.0935	.0940	.0934	.0972	.0987	.0986
300.			.0824		.0771	.0781	.0791	.0819	.0806	.0816	.0839	.0847	.0830	.0848
320.	.0886	.0787	.0698	.0710	.0702	.0710	.0759	.0731	.0727	.0740	.0754	.0718	.0724	.0757
330.				.0653	.0640	.0639	.0671	.0665	.0681	.0693	.0686	.0652	.0682	.0701
340.		.0660	.0591	.0589	.0559	.0577	.0599	.0628	.0616	.0630	.0605	.0592	.0616	.0622
350.			.0502	.0473	.0478		.0524	.0524	.0506	.0521	.0506	.0497	.0502	.0508
							FOR ALPHA = 19.65 DEG							
0.	.0198	.0199	.0161	.0126	.0118	.0109	.0112	.0103	.0098	.0098	.0095	.0102	.0104	.0112
10.			.0102	.0084	.0076		.0113	.0105	.0104	.0113	.0101	.0099	.0106	.0112
20.		.0139	.0085	.0066	.0059	.0086	.0100	.0070	.0072	.0072	.0059	.0062	.0082	.0092
30.				.0045	.0049	.0063	.0060	.0039	.0044	.0054	.0042	.0024	.0054	.0065
40.	.0184	.0112	.0050	.0026	.0042	.0078	.0048	.0043	.0042	.0043	.0055	.0037	.0045	.0052
60.			.0091		.0104	.0056	.0078	.0071	.0061	.0083	.0099	.0091	.0077	.0085
90.	.0526	.0281	.0193	.0249	.0203	.0197	.0196	.0194	.0195	.0213	.0208	.0185	.0202	.0194
120.			.0408		.0373	.0372	.0379	.0423	.0391	.0410	.0395	.0387	.0396	.0409
140.	.1420	.0686	.0646	.0606	.0609	.0553	.0634	.0628	.0617	.0632	.0648	.0615	.0631	.0652
150.				.0821	.0831	.0852	.0874	.0875	.0847	.0880	.0886	.0855	.0947	.0895
160.		.1424	.1453	.1403	.1356	.1396	.1424	.1425	.1470	.1408	.1399	.1395	.1441	.1439
170.			.2459	.2751	.2787	.2783	.2880	.2857	.2877	.2925	.2907	.2924	.2932	.2956
180.	.7283	.7223	.7052	.7354	.7260	.7332	.7331	.7312	.7355	.7296	.7229	.7240	.7214	.7284
190.			.3801	.4084	.4079	.4063	.4214	.4187	.4188	.4242	.4230	.4232	.4246	.4262
200.		.2630	.2570	.2484	.2451	.2482	.2514	.2533	.2552	.2533	.2506	.2508	.2569	.2611
210.				.1786	.1775	.1761	.1848	.1840	.1808	.1837	.1877	.1855	.1904	.1943
220.	.2472	.1545	.1509	.1512	.1494	.1467	.1538	.1532	.1560	.1511	.1517	.1528	.1510	.1543
240.			.1191		.1188	.1183	.1204	.1244	.1242	.1226	.1210	.1257	.1276	.1277
270.	.1377	.1025	.0907	.0954	.0962	.0922	.0942	.0925	.0948	.0951	.0932	.0946	.0963	.0970
300.			.0757		.0735	.0708	.0730	.0735	.0710	.0730	.0778	.0794	.0773	.0791
320.	.0726	.0627	.0576	.0557	.0526	.0567	.0579	.0581	.0583	.0591	.0600	.0569	.0581	.0627
330.				.0479	.0471	.0468	.0476	.0472	.0475	.0492	.0475	.0442	.0469	.0490
340.		.0392	.0349	.0358	.0348	.0341	.0363	.0369	.0344	.0353	.0330	.0324	.0349	.0351
350.			.0208	.0200	.0180		.0209	.0206	.0201	.0170	.0172	.0172	.0179	.0187

TABLE III. - CONTINUED

(K) MACH = 3.95, BETA = 3.01 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 14.65 DEG								
0.	.0292	.0266	.0270	.0264	.0261	.0288	.0296	.0298	.0296	.0280	.0270	.0281	.0278	0.
10.	.0217	.0216	.0205	.0192	.0221	.0228	.0231	.0231	.0225	.0207	.0209	.0215	.0221	10.
20.	.0200	.0186	.0186	.0187	.0181	.0213	.0225	.0223	.0216	.0197	.0189	.0208	.0214	20.
30.	.0192	.0181	.0174	.0162	.0208	.0197	.0202	.0211	.0205	.0187	.0179	.0185	.0196	30.
40.	.0190		.0164	.0159	.0185	.0192	.0194	.0195	.0195	.0172	.0162	.0179	.0200	40.
60.	.0185	.0164	.0167	.0162	.0187	.0186	.0182	.0193	.0199	.0175	.0199	.0212	.0221	60.
90.	.0192	.0182	.0194	.0196	.0198	.0211	.0216	.0223	.0199	.0198	.0221	.0242	.0251	90.
120.	.0301	.0278	.0318	.0310	.0338	.0347	.0341	.0352	.0314	.0297	.0313	.0333	.0357	120.
140.	.0475		.0424	.0449	.0469	.0501	.0512	.0509	.0511	.0481	.0461	.0490	.0511	140.
150.	.0673	.0629	.0639	.0625	.0655	.0687	.0681	.0714	.0691	.0670	.0672	.0665	.0692	150.
160.	.1131	.1119	.1128	.1135	.1096	.1141	.1156	.1156	.1113	.1103	.1096	.1132	.1129	160.
170.	.2211	.2327	.2240	.2196	.2247	.2201	.2180	.2212	.2180	.2147	.2165	.2190	.2216	170.
180.	.5776	.5742	.5706	.5639	.5631	.5668	.5668	.5668	.5642	.5594	.5568	.5648	.5586	180.
190.	.3451	.3536	.3427	.3365	.3451	.3401	.3398	.3407	.3360	.3359	.3370	.3398	.3425	190.
200.	.2178	.2200	.2217	.2176	.2186	.2208	.2240	.2236	.2170	.2184	.2128	.2191	.2195	200.
210.	.1611	.1600	.1587	.1627	.1589	.1683	.1656	.1677	.1665	.1658	.1634	.1638	.1656	210.
220.	.1379		.1371	.1376	.1442	.1455	.1454	.1455	.1446	.1425	.1398	.1426	.1469	220.
240.	.1210	.1147	.1173	.1176	.1210	.1231	.1222	.1208	.1134	.1137	.1169	.1204	.1242	240.
270.	.0970	.0937	.0951	.0965	.0963	.0974	.0987	.0990	.0962	.0955	.0989	.1013	.1036	270.
300.	.0835	.0819	.0819	.0813	.0834	.0830	.0830	.0842	.0815	.0818	.0857	.0871	.0880	300.
320.	.0735		.0701	.0693	.0718	.0733	.0742	.0749	.0747	.0713	.0692	.0717	.0753	320.
330.	.0665	.0651	.0644	.0627	.0661	.0670	.0673	.0686	.0679	.0652	.0643	.0650	.0672	330.
340.	.0597	.0568	.0569	.0574	.0571	.0607	.0619	.0619	.0611	.0589	.0576	.0602	.0618	340.
350.	.0499	.0507	.0485	.0463	.0513	.0516	.0523	.0525	.0521	.0500	.0506	.0517	.0526	350.
						FOR ALPHA = 19.65 DEG								
0.	.0110	.0097	.0099	.0093	.0089	.0114	.0118	.0119	.0122	.0112	.0105	.0112	.0109	0.
10.	.0123	.0108	.0096	.0084	.0110	.0116	.0122	.0121	.0118	.0104	.0106	.0113	.0122	10.
20.	.0072	.0060	.0062	.0062	.0058	.0087	.0094	.0092	.0086	.0071	.0062	.0081	.0089	20.
30.	.0038	.0026	.0019	.0010	.0062	.0045	.0049	.0054	.0047	.0035	.0029	.0034	.0044	30.
40.	.0030		.0008	.0007	.0031	.0033	.0038	.0032	.0029	.0015	.0001	.0016	.0030	40.
60.	.0067	.0065	.0059	.0062	.0067	.0069	.0067	.0082	.0096	.0068	.0091	.0095	.0095	60.
90.	.0204	.0186	.0182	.0194	.0179	.0200	.0211	.0212	.0189	.0189	.0213	.0232	.0237	90.
120.	.0396	.0361	.0391	.0380	.0401	.0426	.0416	.0419	.0377	.0375	.0386	.0420	.0433	120.
140.	.0604		.0576	.0580	.0610	.0641	.0644	.0653	.0643	.0624	.0612	.0635	.0665	140.
150.	.0842	.0870	.0829	.0810	.0809	.0877	.0881	.0891	.0884	.0868	.0865	.0859	.0882	150.
160.	.1404	.1429	.1422	.1425	.1399	.1461	.1486	.1452	.1413	.1406	.1386	.1425	.1431	160.
170.	.2817	.2959	.2864	.2806	.2865	.2797	.2798	.2790	.2730	.2749	.2748	.2753	.2804	170.
180.	.7325	.7304	.7283	.7243	.7237	.7239	.7239	.7239	.7195	.7156	.7109	.7186	.7089	180.
190.	.4187	.4292	.4159	.4126	.4203	.4125	.4112	.4115	.4077	.4066	.4076	.4098	.4107	190.
200.	.2532	.2584	.2595	.2576	.2546	.2649	.2641	.2628	.2546	.2541	.2517	.2569	.2564	200.
210.	.1848	.1823	.1840	.1790	.1800	.1854	.1855	.1882	.1863	.1865	.1839	.1859	.1880	210.
220.	.1529		.1506	.1520	.1537	.1561	.1570	.1569	.1588	.1564	.1530	.1570	.1612	220.
240.	.1253	.1219	.1245	.1244	.1272	.1296	.1290	.1272	.1195	.1203	.1242	.1279	.1319	240.
270.	.0961	.0930	.0955	.0961	.0961	.0966	.0978	.0987	.0960	.0950	.0981	.1008	.1030	270.
300.	.0771	.0758	.0749	.0748	.0773	.0770	.0764	.0777	.0754	.0747	.0780	.0791	.0803	300.
320.	.0605		.0561	.0555	.0583	.0597	.0591	.0592	.0592	.0554	.0535	.0557	.0588	320.
330.	.0459	.0466	.0464	.0445	.0484	.0475	.0479	.0482	.0478	.0450	.0442	.0445	.0467	330.
340.	.0324	.0308	.0312	.0312	.0308	.0356	.0374	.0366	.0357	.0327	.0318	.0332	.0346	340.
350.	.0190	.0184	.0174	.0158	.0193	.0205	.0210	.0202	.0201	.0183	.0183	.0183	.0192	350.

TABLE III. - CONTINUED

(L) MACH = 3.95, BETA = 5.01 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.35 DEG								
0.	.3059	.3108	.3033	.3121	.3119	.3158	.3203	.3200	.3237	.3226	.3217	.3232	.3222	.3265
10.			.0875	.0925	.0888		.0970	.0958	.0982	.0998	.0996	.1002	.1002	.1034
20.		.0540	.0444	.0329	.0328	.0328	.0339	.0348	.0361	.0351	.0358	.0331	.0408	.0394
30.				.0162	.0141	.0151	.0176	.0160	.0150	.0176	.0164	.0158	.0198	.0186
40.	.0424	.0256	.0161	.0155	.0119	.0133	.0150	.0133	.0131	.0136	.0134	.0126	.0146	.0150
60.			.0154		.0140	.0128	.0140	.0155	.0146	.0155	.0150	.0148	.0159	.0185
90.	.0306	.0252	.0171	.0168	.0149	.0156	.0161	.0165	.0157	.0177	.0151	.0164	.0175	.0177
120.			.0174		.0150	.0161	.0176	.0172	.0172	.0183	.0171	.0175	.0171	.0186
140.	.0345	.0274	.0166	.0159	.0148	.0185	.0181	.0174	.0181	.0193	.0179	.0167	.0175	.0194
150.				.0155	.0145	.0133	.0166	.0159	.0175	.0187	.0164	.0146	.0185	.0198
160.		.0290	.0153	.0161	.0139	.0130	.0165	.0147	.0162	.0155	.0127	.0129	.0161	.0175
170.			.0240	.0238	.0225	.0201	.0233	.0210	.0211	.0213	.0184	.0179	.0181	.0188
180.	.1381	.1039	.1121	.1028	.1008	.1029	.1067	.1063	.1079	.1069	.1041	.1038	.1027	.1038
190.			.1280	.1279	.1289	.1283	.1368	.1367	.1360	.1381	.1356	.1338	.1349	.1361
200.		.1237	.1139	.1205	.1214	.1194	.1243	.1269	.1282	.1278	.1259	.1246	.1290	.1301
210.				.1181	.1181	.1174	.1219	.1233	.1242	.1262	.1257	.1212	.1266	.1288
220.	.1877	.1249	.1110	.1187	.1171	.1175	.1227	.1236	.1240	.1256	.1276	.1237	.1246	.1282
240.			.1223		.1190	.1210	.1238	.1249	.1245	.1258	.1297	.1294	.1272	.1294
270.	.1575	.1412	.1262	.1268	.1256	.1255	.1296	.1303	.1284	.1293	.1299	.1325	.1345	.1333
300.			.1271		.1332	.1325	.1362	.1381	.1377	.1379	.1418	.1400	.1396	.1425
320.	.1702	.1560	.1473	.1401	.1444	.1411	.1481	.1503	.1511	.1513	.1533	.1492	.1524	.1551
330.				.1563	.1532	.1546	.1605	.1617	.1620	.1644	.1652	.1612	.1695	.1719
340.		.2008	.1803	.1774	.1801	.1829	.1890	.1917	.1933	.1925	.1900	.1897	.1967	.1990
350.			.2387	.2442	.2505		.2614	.2603	.2600	.2630	.2618	.2614	.2624	.2643
						FOR ALPHA = -1.35 DEG								
0.	.2227	.2271	.2281	.2230	.2258	.2299	.2339	.2342	.2377	.2369	.2353	.2362	.2352	.2376
10.			.0629	.0602	.0585		.0636	.0632	.0642	.0661	.0652	.0648	.0663	.0667
20.		.0421	.0287	.0222	.0238	.0226	.0237	.0226	.0249	.0232	.0221	.0214	.0251	.0268
30.				.0174	.0141	.0155	.0182	.0174	.0169	.0185	.0168	.0156	.0178	.0180
40.	.0412	.0282	.0180	.0172	.0147	.0168	.0191	.0171	.0176	.0185	.0171	.0168	.0174	.0185
60.			.0193		.0179	.0173	.0191	.0191	.0189	.0194	.0197	.0193	.0190	.0209
90.	.0336	.0292	.0203	.0205	.0184	.0185	.0194	.0189	.0184	.0205	.0189	.0206	.0219	.0216
120.			.0198		.0181	.0183	.0200	.0193	.0193	.0206	.0214	.0208	.0203	.0216
140.	.0387	.0293	.0187	.0177	.0162	.0192	.0198	.0196	.0196	.0202	.0186	.0178	.0191	.0205
150.				.0170	.0153	.0144	.0190	.0185	.0185	.0189	.0164	.0151	.0174	.0177
160.		.0359	.0195	.0210	.0176	.0168	.0201	.0195	.0200	.0188	.0167	.0171	.0184	.0192
170.			.0444	.0425	.0404	.0402	.0432	.0423	.0417	.0430	.0405	.0410	.0405	.0422
180.	.2172	.1648	.1738	.1694	.1696	.1728	.1759	.1754	.1769	.1750	.1726	.1727	.1709	.1722
190.			.1647	.1704	.1706	.1705	.1815	.1806	.1797	.1816	.1797	.1773	.1785	.1795
200.		.1422	.1411	.1439	.1411	.1418	.1496	.1527	.1549	.1525	.1505	.1487	.1544	.1552
210.				.1334	.1315	.1320	.1375	.1396	.1398	.1414	.1429	.1372	.1444	.1459
220.	.1872	.1345	.1190	.1288	.1286	.1286	.1338	.1349	.1354	.1364	.1392	.1352	.1366	.1403
240.			.1192		.1279	.1271	.1297	.1314	.1316	.1322	.1367	.1356	.1337	.1367
270.	.1632	.1472	.1275	.1296	.1306	.1270	.1298	.1326	.1311	.1321	.1324	.1359	.1380	.1365
300.			.1306		.1306	.1306	.1346	.1360	.1356	.1360	.1396	.1383	.1374	.1409
320.	.1643	.1522	.1339	.1358	.1361	.1351	.1418	.1428	.1435	.1442	.1462	.1430	.1454	.1495
330.				.1441	.1434	.1435	.1479	.1506	.1508	.1528	.1535	.1484	.1560	.1584
340.		.1779	.1599	.1605	.1593	.1618	.1662	.1685	.1715	.1701	.1680	.1678	.1751	.1771
350.			.1945	.1974	.2031		.2151	.2150	.2146	.2181	.2163	.2155	.2171	.2185
						FOR ALPHA = -.35 DEG								
0.	.2036	.2080	.2100	.2041	.2064	.2103	.2144	.2142	.2175	.2168	.2150	.2158	.2145	.2169
10.			.0568	.0540	.0520		.0558	.0553	.0556	.0582	.0568	.0569	.0579	.0584
20.		.0400	.0247	.0220	.0216	.0214	.0222	.0210	.0225	.0218	.0211	.0199	.0214	.0254
30.				.0176	.0153	.0157	.0190	.0178	.0175	.0184	.0168	.0151	.0176	.0185
40.	.0407	.0290	.0181	.0180	.0157	.0185	.0200	.0182	.0175	.0195	.0179	.0178	.0191	.0206
60.			.0200		.0183	.0183	.0195	.0197	.0191	.0200	.0200	.0199	.0198	.0216
90.	.0342	.0299	.0204	.0212	.0190	.0192	.0200	.0198	.0192	.0211	.0194	.0208	.0217	.0216
120.			.0199		.0184	.0194	.0205	.0198	.0204	.0209	.0212	.0205	.0204	.0219
140.	.0402	.0295	.0185	.0180	.0162	.0197	.0201	.0203	.0189	.0198	.0189	.0173	.0195	.0207
150.				.0176	.0144	.0154	.0199	.0189	.0185	.0191	.0174	.0157	.0180	.0181
160.		.0382	.0222	.0223	.0191	.0180	.0217	.0207	.0211	.0207	.0192	.0190	.0200	.0207
170.			.0514	.0487	.0465	.0463	.0502	.0494	.0492	.0511	.0484	.0486	.0485	.0499
180.	.2376	.1827	.1922	.1869	.1886	.1916	.1954	.1948	.1969	.1956	.1924	.1920	.1904	.1923
190.			.1743	.1809	.1807	.1811	.1920	.1922	.1915	.1936	.1912	.1888	.1897	.1909
200.		.1449	.1468	.1497	.1459	.1479	.1552	.1587	.1605	.1587	.1562	.1541	.1601	.1615
210.				.1358	.1344	.1342	.1396	.1431	.1439	.1461	.1467	.1408	.1480	.1495
220.	.1983	.1348	.1231	.1314	.1308	.1291	.1352	.1372	.1380	.1389	.1415	.1381	.1397	.1432
240.			.1205		.1282	.1276	.1315	.1326	.1327	.1331	.1373	.1365	.1347	.1376
270.	.1648	.1485	.1292	.1283	.1298	.1253	.1290	.1322	.1315	.1325	.1329	.1365	.1387	.1370
300.			.1307		.1301	.1279	.1350	.1359	.1348	.1351	.1396	.1386	.1370	.1404
320.	.1591	.1520	.1313	.1348	.1327	.1333	.1404	.1413	.1417	.1426	.1450	.1416	.1434	.1472
330.				.1395	.1401	.1409	.1464	.1479	.1477	.1498	.1511	.1462	.1533	.1552
340.		.1727	.1559	.1562	.1545	.1565	.1624	.1645	.1665	.1651	.1632	.1625	.1694	.1712
350.			.1861	.1915	.1931		.2054	.2047	.2038	.2066	.2055	.2043	.2051	.2068

TABLE III. - CONTINUED

(L) MACH = 3.95, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.35 DEG								
0.	.3286	.3259	.3269	.3237	.3245	.3285	.3308	.3313	.3313	.3283	.3259	.3305	.3298	0.
10.	.0921	.1028	.0975	.0947	.1014	.0978	.1005	.1003	.0979	.1001	.0982	.1022	.1014	10.
20.	.0335	.0347	.0368	.0355	.0345	.0377	.0425	.0404	.0384	.0405	.0390	.0407	.0419	20.
30.	.0167	.0131	.0134	.0118	.0158	.0167	.0181	.0194	.0195	.0185	.0180	.0181	.0200	30.
40.	.0127		.0121	.0116	.0140	.0160	.0177	.0179	.0179	.0167	.0160	.0175	.0199	40.
60.	.0154	.0150	.0159	.0157	.0178	.0180	.0177	.0179	.0179	.0152	.0172	.0193	.0221	60.
90.	.0164	.0151	.0157	.0166	.0166	.0169	.0178	.0179	.0160	.0154	.0175	.0196	.0213	90.
120.	.0171	.0156	.0163	.0161	.0175	.0175	.0174	.0179	.0182	.0159	.0179	.0194	.0208	120.
140.	.0173		.0152	.0150	.0168	.0176	.0180	.0185	.0186	.0164	.0152	.0166	.0189	140.
150.	.0160	.0149	.0148	.0141	.0186	.0173	.0174	.0179	.0175	.0155	.0149	.0155	.0168	150.
160.	.0158	.0152	.0149	.0146	.0140	.0166	.0174	.0168	.0159	.0135	.0128	.0150	.0160	160.
170.	.0157	.0179	.0164	.0150	.0176	.0183	.0181	.0187	.0177	.0163	.0166	.0180	.0183	170.
180.	.1046	.1016	.1015	.0998	.0993	.1010	.1017	.1018	.1011	.0996	.0978	.1002	.0996	180.
190.	.1327	.1367	.1319	.1293	.1377	.1339	.1341	.1339	.1331	.1322	.1332	.1340	.1349	190.
200.	.1281	.1246	.1239	.1239	.1227	.1261	.1279	.1261	.1247	.1239	.1216	.1265	.1285	200.
210.	.1231	.1210	.1202	.1185	.1197	.1233	.1233	.1240	.1226	.1222	.1205	.1213	.1237	210.
220.	.1257		.1193	.1193	.1209	.1225	.1235	.1241	.1239	.1225	.1194	.1227	.1269	220.
240.	.1263	.1225	.1234	.1230	.1241	.1239	.1237	.1251	.1226	.1243	.1289	.1314	.1334	240.
270.	.1318	.1284	.1298	.1313	.1300	.1312	.1327	.1328	.1314	.1303	.1342	.1386	.1416	270.
300.	.1398	.1352	.1378	.1383	.1428	.1441	.1439	.1448	.1393	.1410	.1459	.1508	.1545	300.
320.	.1532		.1494	.1507	.1545	.1565	.1578	.1598	.1601	.1585	.1558	.1599	.1642	320.
330.	.1650	.1630	.1639	.1626	.1644	.1713	.1713	.1738	.1719	.1713	.1692	.1706	.1739	330.
340.	.1930	.1926	.1938	.1954	.1948	.2018	.2050	.2056	.2019	.1997	.1976	.2051	.2062	340.
350.	.2584	.2658	.2593	.2553	.2686	.2661	.2675	.2692	.2668	.2673	.2688	.2706	.2743	350.
						FOR ALPHA = -1.35 DEG								
0.	.2389	.2364	.2363	.2342	.2344	.2390	.2400	.2408	.2409	.2376	.2351	.2408	.2389	0.
10.	.0600	.0648	.0635	.0601	.0650	.0665	.0648	.0656	.0628	.0652	.0636	.0656	.0669	10.
20.	.0215	.0213	.0229	.0204	.0198	.0240	.0252	.0277	.0250	.0238	.0230	.0258	.0256	20.
30.	.0147	.0145	.0143	.0147	.0190	.0200	.0211	.0217	.0212	.0200	.0191	.0195	.0207	30.
40.	.0177		.0170	.0177	.0204	.0215	.0220	.0226	.0224	.0206	.0194	.0210	.0229	40.
60.	.0198	.0181	.0184	.0183	.0213	.0219	.0217	.0220	.0216	.0195	.0216	.0237	.0255	60.
90.	.0206	.0189	.0191	.0198	.0192	.0198	.0204	.0206	.0194	.0189	.0208	.0230	.0246	90.
120.	.0199	.0184	.0186	.0188	.0188	.0195	.0193	.0197	.0207	.0186	.0205	.0221	.0235	120.
140.	.0187		.0170	.0177	.0181	.0192	.0195	.0200	.0196	.0187	.0176	.0189	.0208	140.
150.	.0143	.0146	.0152	.0160	.0181	.0181	.0187	.0191	.0180	.0176	.0171	.0175	.0187	150.
160.	.0155	.0147	.0143	.0144	.0133	.0148	.0159	.0167	.0165	.0160	.0159	.0179	.0190	160.
170.	.0347	.0398	.0367	.0352	.0383	.0371	.0374	.0378	.0360	.0356	.0376	.0375	.0389	170.
180.	.1726	.1697	.1689	.1663	.1655	.1674	.1686	.1685	.1675	.1667	.1641	.1682	.1669	180.
190.	.1746	.1796	.1731	.1699	.1788	.1756	.1760	.1761	.1746	.1737	.1745	.1763	.1780	190.
200.	.1538	.1501	.1493	.1478	.1451	.1500	.1521	.1501	.1481	.1471	.1447	.1506	.1526	200.
210.	.1399	.1374	.1369	.1347	.1360	.1397	.1400	.1405	.1390	.1388	.1370	.1380	.1407	210.
220.	.1384		.1323	.1319	.1345	.1355	.1371	.1379	.1374	.1358	.1328	.1358	.1399	220.
240.	.1350	.1303	.1314	.1304	.1331	.1328	.1328	.1336	.1301	.1311	.1359	.1388	.1416	240.
270.	.1350	.1313	.1326	.1342	.1338	.1345	.1363	.1365	.1339	.1328	.1371	.1419	.1450	270.
300.	.1382	.1337	.1360	.1360	.1406	.1417	.1418	.1434	.1363	.1385	.1434	.1475	.1510	300.
320.	.1462		.1413	.1421	.1468	.1493	.1511	.1533	.1531	.1488	.1459	.1494	.1539	320.
330.	.1514	.1500	.1504	.1496	.1529	.1584	.1589	.1609	.1592	.1557	.1539	.1551	.1581	330.
340.	.1750	.1728	.1720	.1712	.1688	.1769	.1794	.1784	.1764	.1719	.1693	.1761	.1787	340.
350.	.2134	.2190	.2133	.2097	.2213	.2200	.2218	.2226	.2208	.2175	.2197	.2218	.2257	350.
						FOR ALPHA = -.35 DEG								
0.	.2186	.2156	.2157	.2133	.2130	.2183	.2197	.2202	.2204	.2170	.2139	.2188	.2177	0.
10.	.0516	.0559	.0555	.0514	.0580	.0569	.0582	.0575	.0560	.0579	.0545	.0580	.0572	10.
20.	.0197	.0189	.0189	.0185	.0195	.0227	.0239	.0240	.0236	.0220	.0210	.0232	.0232	20.
30.	.0149	.0143	.0149	.0151	.0205	.0213	.0224	.0230	.0220	.0204	.0191	.0196	.0206	30.
40.	.0185		.0180	.0184	.0216	.0222	.0229	.0233	.0234	.0207	.0195	.0209	.0231	40.
60.	.0195	.0180	.0187	.0188	.0222	.0224	.0226	.0228	.0217	.0196	.0218	.0234	.0257	60.
90.	.0199	.0188	.0192	.0198	.0198	.0203	.0210	.0213	.0197	.0191	.0212	.0234	.0253	90.
120.	.0202	.0188	.0189	.0188	.0195	.0198	.0201	.0205	.0209	.0186	.0207	.0223	.0237	120.
140.	.0181		.0170	.0178	.0186	.0194	.0201	.0206	.0205	.0188	.0176	.0189	.0211	140.
150.	.0142	.0137	.0145	.0139	.0175	.0180	.0192	.0195	.0188	.0176	.0172	.0174	.0189	150.
160.	.0166	.0173	.0160	.0153	.0146	.0160	.0182	.0176	.0171	.0165	.0160	.0191	.0193	160.
170.	.0423	.0471	.0443	.0418	.0467	.0440	.0455	.0453	.0446	.0445	.0442	.0451	.0454	170.
180.	.1925	.1891	.1886	.1859	.1850	.1874	.1883	.1887	.1879	.1856	.1825	.1872	.1863	180.
190.	.1858	.1913	.1842	.1812	.1906	.1874	.1884	.1884	.1869	.1844	.1856	.1872	.1894	190.
200.	.1597	.1568	.1553	.1544	.1515	.1566	.1589	.1571	.1550	.1523	.1502	.1564	.1585	200.
210.	.1432	.1407	.1401	.1385	.1401	.1443	.1448	.1456	.1440	.1422	.1408	.1416	.1443	210.
220.	.1411		.1349	.1350	.1377	.1391	.1405	.1415	.1410	.1381	.1350	.1380	.1423	220.
240.	.1357	.1312	.1325	.1320	.1347	.1346	.1349	.1359	.1306	.1326	.1371	.1402	.1432	240.
270.	.1351	.1317	.1329	.1346	.1343	.1352	.1371	.1372	.1339	.1331	.1373	.1419	.1453	270.
300.	.1374	.1337	.1354	.1352	.1403	.1414	.1412	.1423	.1359	.1378	.1424	.1459	.1494	300.
320.	.1446		.1394	.1402	.1448	.1478	.1491	.1505	.1506	.1467	.1436	.1466	.1510	320.
330.	.1483	.1466	.1467	.1459	.1496	.1559	.1563	.1575	.1558	.1528	.1509	.1515	.1542	330.
340.	.1689	.1671	.1658	.1652	.1634	.1718	.1744	.1724	.1702	.1663	.1643	.1705	.1727	340.
350.	.2008	.2077	.2011	.1988	.2101	.2092	.2102	.2105	.2094	.2063	.2084	.2102	.2123	350.

TABLE III. - CONTINUED

(L) MACH = 3.95, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = .65 DEG								
0.	.1853	.1893	.1919	.1853	.1870	.1911	.1947	.1947	.1977	.1969	.1950	.1953	.1944	.1968
10.			.0505	.0478	.0458		.0485	.0480	.0481	.0507	.0490	.0492	.0496	.0510
20.		.0377	.0215	.0221	.0195	.0195	.0208	.0201	.0207	.0205	.0199	.0193	.0206	.0220
30.				.0176	.0158	.0154	.0192	.0185	.0183	.0191	.0172	.0159	.0185	.0197
40.	.0396	.0294	.0188	.0183	.0156	.0188	.0198	.0200	.0189	.0196	.0190	.0182	.0201	.0220
60.			.0202		.0187	.0185	.0198	.0190	.0198	.0203	.0209	.0207	.0203	.0219
90.	.0342	.0299	.0205	.0212	.0190	.0193	.0201	.0200	.0194	.0210	.0191	.0204	.0215	.0213
120.			.0200		.0182	.0189	.0202	.0203	.0201	.0207	.0204	.0199	.0199	.0215
140.	.0411	.0291	.0184	.0178	.0157	.0189	.0202	.0189	.0182	.0197	.0176	.0174	.0187	.0195
150.				.0178	.0142	.0153	.0195	.0181	.0179	.0188	.0167	.0152	.0178	.0182
160.		.0405	.0255	.0219	.0216	.0198	.0226	.0214	.0229	.0221	.0208	.0198	.0207	.0237
170.			.0577	.0551	.0529	.0526	.0568	.0566	.0566	.0588	.0561	.0559	.0564	.0570
180.	.2581	.2012	.2114	.2067	.2082	.2111	.2146	.2149	.2176	.2160	.2128	.2123	.2106	.2121
190.			.1851	.1904	.1918	.1929	.2035	.2034	.2038	.2058	.2041	.2021	.2025	.2029
200.		.1493	.1520	.1541	.1520	.1547	.1610	.1633	.1664	.1649	.1625	.1611	.1672	.1683
210.				.1396	.1374	.1372	.1434	.1474	.1481	.1502	.1510	.1451	.1519	.1538
220.	.2221	.1380	.1300	.1341	.1328	.1315	.1376	.1395	.1411	.1424	.1450	.1413	.1430	.1466
240.			.1237		.1291	.1293	.1329	.1348	.1343	.1349	.1384	.1374	.1360	.1387
270.	.1659	.1484	.1286	.1287	.1299	.1268	.1304	.1322	.1315	.1331	.1333	.1367	.1387	.1370
300.			.1300		.1310	.1270	.1325	.1351	.1342	.1345	.1386	.1378	.1361	.1394
320.	.1572	.1503	.1303	.1332	.1319	.1330	.1375	.1385	.1396	.1407	.1428	.1394	.1409	.1450
330.				.1336	.1372	.1385	.1428	.1446	.1437	.1461	.1476	.1430	.1500	.1521
340.		.1666	.1510	.1525	.1502	.1510	.1561	.1597	.1613	.1600	.1580	.1570	.1628	.1647
350.			.1782	.1824	.1806		.1934	.1938	.1925	.1956	.1939	.1925	.1932	.1947
						FOR ALPHA = 1.65 DEG								
0.	.1683	.1718	.1757	.1680	.1688	.1725	.1763	.1760	.1787	.1776	.1755	.1760	.1754	.1776
10.			.0441	.0420	.0404		.0424	.0416	.0418	.0436	.0414	.0419	.0421	.0440
20.		.0360	.0197	.0217	.0184	.0186	.0202	.0196	.0204	.0194	.0179	.0181	.0196	.0201
30.				.0185	.0164	.0160	.0191	.0181	.0183	.0189	.0170	.0158	.0190	.0199
40.	.0389	.0296	.0196	.0188	.0175	.0194	.0199	.0185	.0193	.0204	.0194	.0186	.0205	.0223
60.			.0206		.0187	.0187	.0201	.0196	.0194	.0204	.0217	.0216	.0209	.0224
90.	.0340	.0297	.0212	.0212	.0190	.0192	.0200	.0197	.0188	.0205	.0189	.0207	.0218	.0216
120.			.0197		.0185	.0183	.0194	.0198	.0194	.0203	.0200	.0194	.0191	.0211
140.	.0422	.0290	.0185	.0177	.0156	.0182	.0196	.0176	.0171	.0189	.0172	.0168	.0174	.0185
150.				.0183	.0137	.0159	.0188	.0180	.0170	.0190	.0171	.0157	.0182	.0186
160.		.0434	.0300	.0232	.0247	.0221	.0240	.0229	.0251	.0239	.0224	.0219	.0247	.0266
170.			.0640	.0622	.0602	.0603	.0646	.0637	.0646	.0669	.0651	.0643	.0654	.0653
180.	.2797	.2211	.2303	.2273	.2291	.2322	.2350	.2347	.2388	.2373	.2343	.2336	.2318	.2332
190.			.1965	.1992	.2037	.2045	.2151	.2148	.2149	.2181	.2161	.2138	.2147	.2145
200.		.1546	.1574	.1582	.1587	.1606	.1665	.1690	.1720	.1710	.1688	.1674	.1731	.1746
210.				.1417	.1401	.1404	.1479	.1518	.1519	.1533	.1540	.1487	.1553	.1570
220.	.2346	.1416	.1368	.1360	.1346	.1330	.1394	.1429	.1441	.1451	.1471	.1437	.1453	.1487
240.			.1196		.1301	.1299	.1335	.1357	.1349	.1354	.1386	.1381	.1373	.1405
270.	.1651	.1472	.1297	.1303	.1301	.1282	.1297	.1329	.1316	.1323	.1328	.1365	.1383	.1366
300.			.1302		.1280	.1241	.1341	.1341	.1326	.1337	.1379	.1367	.1353	.1385
320.	.1565	.1495	.1297	.1326	.1320	.1305	.1360	.1367	.1376	.1388	.1410	.1372	.1389	.1429
330.				.1333	.1352	.1360	.1400	.1411	.1414	.1433	.1443	.1393	.1463	.1483
340.		.1611	.1458	.1487	.1459	.1461	.1511	.1538	.1559	.1548	.1527	.1512	.1572	.1587
350.			.1696	.1702	.1708		.1827	.1824	.1821	.1844	.1826	.1807	.1820	.1836
						FOR ALPHA = 2.65 DEG								
0.	.1522	.1555	.1611	.1497	.1508	.1553	.1587	.1581	.1601	.1593	.1578	.1582	.1575	.1594
10.			.0383	.0370	.0356		.0371	.0355	.0355	.0370	.0352	.0356	.0360	.0375
20.		.0348	.0189	.0207	.0181	.0183	.0196	.0188	.0201	.0188	.0168	.0159	.0177	.0195
30.				.0183	.0167	.0163	.0191	.0180	.0187	.0193	.0170	.0162	.0194	.0214
40.	.0387	.0300	.0200	.0189	.0179	.0198	.0194	.0184	.0192	.0207	.0200	.0195	.0206	.0225
60.			.0205		.0187	.0188	.0198	.0192	.0192	.0199	.0207	.0214	.0214	.0227
90.	.0340	.0295	.0210	.0208	.0188	.0191	.0196	.0191	.0187	.0210	.0191	.0208	.0217	.0212
120.			.0193		.0182	.0175	.0193	.0195	.0193	.0203	.0195	.0187	.0191	.0208
140.	.0429	.0285	.0186	.0170	.0143	.0177	.0198	.0177	.0164	.0182	.0164	.0154	.0172	.0184
150.				.0178	.0144	.0167	.0190	.0177	.0175	.0186	.0169	.0166	.0198	.0187
160.		.0464	.0348	.0256	.0277	.0242	.0262	.0260	.0277	.0263	.0241	.0255	.0291	.0279
170.			.0708	.0704	.0679	.0680	.0728	.0717	.0732	.0752	.0742	.0729	.0739	.0744
180.	.3017	.2421	.2508	.2495	.2505	.2533	.2563	.2563	.2597	.2586	.2562	.2556	.2534	.2549
190.			.2094	.2093	.2165	.2159	.2280	.2271	.2271	.2300	.2284	.2265	.2269	.2265
200.		.1611	.1649	.1638	.1648	.1664	.1722	.1756	.1788	.1773	.1754	.1742	.1803	.1813
210.				.1449	.1427	.1447	.1523	.1560	.1554	.1565	.1582	.1523	.1597	.1610
220.	.2370	.1449	.1430	.1385	.1365	.1351	.1424	.1454	.1471	.1482	.1500	.1459	.1474	.1505
240.			.1237		.1317	.1307	.1342	.1360	.1358	.1365	.1407	.1396	.1385	.1414
270.	.1639	.1444	.1308	.1321	.1306	.1275	.1304	.1328	.1316	.1323	.1332	.1364	.1378	.1362
300.			.1297		.1295	.1240	.1255	.1325	.1323	.1330	.1373	.1364	.1346	.1373
320.	.1552	.1490	.1301	.1313	.1294	.1280	.1321	.1342	.1360	.1372	.1392	.1352	.1364	.1406
330.				.1327	.1329	.1330	.1364	.1374	.1377	.1398	.1408	.1357	.1422	.1446
340.		.1561	.1414	.1430	.1414	.1413	.1454	.1479	.1493	.1482	.1466	.1457	.1519	.1531
350.			.1614	.1601	.1630		.1716	.1713	.1707	.1734	.1719	.1704	.1716	.1729

TABLE III. - CONTINUED

(L) MACH = 3.95, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = .65 DEG								
0.	.1982	.1946	.1946	.1921	.1920	.1970	.1990	.1997	.1996	.1964	.1934	.1980	.1974	0.
10.	.0442	.0486	.0472	.0439	.0497	.0483	.0509	.0499	.0492	.0498	.0476	.0502	.0490	10.
20.	.0174	.0182	.0173	.0166	.0173	.0216	.0234	.0222	.0217	.0205	.0199	.0224	.0228	20.
30.	.0159	.0156	.0164	.0158	.0217	.0226	.0231	.0236	.0225	.0203	.0196	.0197	.0210	30.
40.	.0195		.0179	.0184	.0216	.0228	.0231	.0240	.0236	.0211	.0197	.0210	.0232	40.
60.	.0200	.0186	.0188	.0185	.0220	.0226	.0226	.0230	.0221	.0200	.0221	.0242	.0256	60.
90.	.0197	.0185	.0189	.0194	.0194	.0200	.0209	.0210	.0198	.0194	.0214	.0236	.0254	90.
120.	.0196	.0182	.0186	.0184	.0190	.0193	.0196	.0198	.0209	.0187	.0207	.0223	.0239	120.
140.	.0173		.0166	.0168	.0179	.0187	.0197	.0199	.0198	.0191	.0177	.0190	.0210	140.
150.	.0138	.0130	.0133	.0125	.0158	.0165	.0179	.0187	.0175	.0181	.0171	.0176	.0187	150.
160.	.0196	.0190	.0169	.0164	.0178	.0175	.0191	.0177	.0177	.0184	.0178	.0202	.0198	160.
170.	.0501	.0543	.0523	.0483	.0543	.0498	.0524	.0518	.0506	.0535	.0509	.0538	.0521	170.
180.	.2128	.2093	.2086	.2055	.2052	.2062	.2071	.2071	.2064	.2052	.2020	.2070	.2053	180.
190.	.1978	.2027	.1967	.1923	.2020	.1980	.1987	.1990	.1971	.1961	.1972	.1985	.2012	190.
200.	.1664	.1630	.1618	.1601	.1572	.1622	.1638	.1620	.1599	.1583	.1556	.1619	.1643	200.
210.	.1466	.1442	.1439	.1421	.1426	.1476	.1476	.1487	.1464	.1455	.1437	.1450	.1477	210.
220.	.1435		.1373	.1372	.1390	.1408	.1418	.1429	.1426	.1407	.1376	.1411	.1451	220.
240.	.1366	.1321	.1339	.1336	.1356	.1363	.1358	.1368	.1317	.1334	.1380	.1416	.1441	240.
270.	.1350	.1317	.1327	.1344	.1334	.1348	.1361	.1363	.1338	.1328	.1370	.1415	.1449	270.
300.	.1367	.1331	.1344	.1344	.1384	.1393	.1388	.1401	.1344	.1361	.1409	.1446	.1475	300.
320.	.1422		.1370	.1379	.1421	.1444	.1458	.1474	.1472	.1434	.1402	.1429	.1473	320.
330.	.1452	.1437	.1432	.1419	.1452	.1507	.1513	.1528	.1510	.1484	.1468	.1472	.1503	330.
340.	.1632	.1606	.1597	.1590	.1572	.1643	.1667	.1649	.1631	.1599	.1582	.1641	.1667	340.
350.	.1894	.1953	.1895	.1872	.1977	.1959	.1970	.1975	.1973	.1942	.1965	.1977	.2001	350.
						FOR ALPHA = 1.65 DEG								
0.	.1788	.1757	.1754	.1734	.1732	.1777	.1794	.1802	.1799	.1766	.1739	.1782	.1779	0.
10.	.0377	.0427	.0405	.0379	.0421	.0408	.0426	.0423	.0415	.0405	.0405	.0417	.0417	10.
20.	.0165	.0170	.0176	.0169	.0159	.0190	.0206	.0215	.0211	.0193	.0188	.0216	.0225	20.
30.	.0169	.0170	.0187	.0185	.0222	.0222	.0225	.0230	.0218	.0196	.0188	.0195	.0209	30.
40.	.0207		.0192	.0190	.0213	.0222	.0226	.0234	.0231	.0206	.0193	.0207	.0227	40.
60.	.0211	.0195	.0195	.0190	.0213	.0216	.0214	.0219	.0213	.0194	.0217	.0239	.0256	60.
90.	.0205	.0192	.0195	.0199	.0196	.0203	.0209	.0212	.0192	.0189	.0210	.0231	.0248	90.
120.	.0198	.0182	.0188	.0189	.0198	.0208	.0206	.0208	.0203	.0184	.0206	.0220	.0238	120.
140.	.0172		.0159	.0170	.0182	.0202	.0205	.0209	.0206	.0187	.0175	.0186	.0205	140.
150.	.0137	.0134	.0132	.0131	.0162	.0172	.0183	.0191	.0186	.0172	.0166	.0170	.0183	150.
160.	.0216	.0204	.0219	.0201	.0191	.0203	.0213	.0234	.0213	.0201	.0191	.0220	.0223	160.
170.	.0585	.0627	.0615	.0568	.0627	.0602	.0606	.0612	.0593	.0617	.0583	.0619	.0610	170.
180.	.2339	.2303	.2298	.2263	.2260	.2279	.2283	.2285	.2279	.2259	.2228	.2283	.2259	180.
190.	.2096	.2137	.2081	.2031	.2131	.2097	.2108	.2106	.2080	.2078	.2089	.2100	.2133	190.
200.	.1725	.1696	.1682	.1661	.1631	.1694	.1705	.1686	.1660	.1643	.1622	.1681	.1705	200.
210.	.1501	.1479	.1475	.1454	.1469	.1518	.1517	.1526	.1504	.1495	.1481	.1489	.1518	210.
220.	.1456		.1390	.1389	.1422	.1439	.1451	.1460	.1457	.1439	.1408	.1439	.1480	220.
240.	.1377	.1332	.1348	.1340	.1376	.1381	.1376	.1383	.1337	.1355	.1398	.1430	.1458	240.
270.	.1348	.1312	.1325	.1341	.1339	.1347	.1362	.1365	.1340	.1329	.1371	.1415	.1447	270.
300.	.1356	.1314	.1332	.1333	.1376	.1377	.1379	.1394	.1335	.1350	.1395	.1429	.1457	300.
320.	.1401		.1346	.1354	.1399	.1417	.1436	.1453	.1449	.1409	.1372	.1402	.1445	320.
330.	.1420	.1399	.1401	.1390	.1427	.1472	.1476	.1491	.1474	.1445	.1423	.1434	.1464	330.
340.	.1569	.1536	.1533	.1533	.1515	.1587	.1607	.1592	.1576	.1542	.1520	.1583	.1607	340.
350.	.1787	.1840	.1785	.1766	.1869	.1854	.1860	.1869	.1865	.1830	.1844	.1861	.1884	350.
						FOR ALPHA = 2.65 DEG								
0.	.1605	.1571	.1571	.1551	.1552	.1600	.1611	.1615	.1608	.1578	.1562	.1603	.1594	0.
10.	.0319	.0367	.0339	.0318	.0343	.0349	.0345	.0352	.0339	.0339	.0339	.0351	.0357	10.
20.	.0177	.0185	.0189	.0190	.0181	.0214	.0221	.0219	.0206	.0188	.0183	.0205	.0215	20.
30.	.0197	.0195	.0198	.0189	.0224	.0220	.0220	.0226	.0214	.0197	.0188	.0193	.0206	30.
40.	.0213		.0197	.0194	.0214	.0222	.0226	.0231	.0226	.0208	.0191	.0205	.0224	40.
60.	.0214	.0196	.0197	.0191	.0209	.0212	.0213	.0217	.0218	.0197	.0217	.0234	.0249	60.
90.	.0198	.0185	.0186	.0192	.0191	.0196	.0204	.0208	.0194	.0189	.0207	.0230	.0248	90.
120.	.0188	.0177	.0183	.0185	.0195	.0202	.0195	.0201	.0202	.0180	.0201	.0217	.0234	120.
140.	.0158		.0147	.0153	.0174	.0192	.0195	.0204	.0199	.0186	.0171	.0183	.0204	140.
150.	.0142	.0132	.0130	.0124	.0154	.0154	.0168	.0178	.0173	.0168	.0162	.0165	.0180	150.
160.	.0232	.0252	.0247	.0216	.0208	.0247	.0250	.0259	.0235	.0223	.0233	.0248	.0257	160.
170.	.0664	.0716	.0693	.0661	.0698	.0696	.0672	.0688	.0661	.0688	.0678	.0687	.0708	170.
180.	.2554	.2521	.2515	.2481	.2472	.2487	.2492	.2492	.2483	.2468	.2443	.2495	.2464	180.
190.	.2215	.2263	.2202	.2144	.2250	.2203	.2211	.2212	.2179	.2192	.2203	.2218	.2250	190.
200.	.1784	.1781	.1749	.1740	.1713	.1740	.1764	.1750	.1713	.1720	.1693	.1760	.1775	200.
210.	.1538	.1519	.1516	.1495	.1494	.1540	.1544	.1551	.1526	.1534	.1516	.1529	.1555	210.
220.	.1476		.1420	.1424	.1440	.1455	.1469	.1474	.1470	.1464	.1433	.1464	.1502	220.
240.	.1391	.1345	.1365	.1359	.1374	.1381	.1380	.1386	.1346	.1361	.1403	.1438	.1466	240.
270.	.1345	.1310	.1319	.1334	.1331	.1339	.1356	.1357	.1337	.1330	.1373	.1414	.1446	270.
300.	.1340	.1297	.1312	.1308	.1361	.1364	.1364	.1376	.1318	.1336	.1382	.1412	.1437	300.
320.	.1372		.1321	.1321	.1375	.1394	.1410	.1419	.1413	.1374	.1342	.1370	.1409	320.
330.	.1381	.1364	.1365	.1347	.1393	.1441	.1444	.1451	.1429	.1402	.1385	.1394	.1420	330.
340.	.1509	.1477	.1471	.1469	.1453	.1527	.1550	.1533	.1513	.1484	.1463	.1522	.1544	340.
350.	.1678	.1733	.1680	.1657	.1756	.1749	.1758	.1762	.1752	.1721	.1736	.1752	.1768	350.

TABLE III. - CONTINUED

(L) MACH = 3.95, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 4.65 DEG								
0.	.1219	.1239	.1313	.1227	.1194	.1213	.1248	.1242	.1262	.1255	.1238	.1240	.1232	.1247
10.			.0289	.0289	.0273		.0278	.0259	.0254	.0266	.0251	.0251	.0252	.0262
20.		.0322	.0178	.0189	.0167	.0172	.0182	.0169	.0181	.0174	.0162	.0164	.0197	.0216
30.				.0183	.0172	.0163	.0182	.0186	.0192	.0204	.0205	.0186	.0219	.0231
40.	.0369	.0298	.0197	.0185	.0178	.0199	.0201	.0195	.0195	.0209	.0215	.0204	.0210	.0230
60.			.0203		.0180	.0181	.0193	.0187	.0186	.0195	.0204	.0209	.0203	.0214
90.	.0331	.0283	.0198	.0194	.0179	.0182	.0189	.0183	.0179	.0200	.0177	.0189	.0201	.0199
120.			.0184		.0170	.0164	.0175	.0185	.0188	.0185	.0177	.0174	.0178	.0195
140.	.0441	.0279	.0184	.0172	.0145	.0164	.0178	.0153	.0157	.0170	.0159	.0144	.0147	.0158
150.				.0178	.0157	.0167	.0186	.0176	.0164	.0185	.0169	.0152	.0187	.0191
160.		.0533	.0437	.0317	.0327	.0304	.0326	.0335	.0336	.0322	.0335	.0317	.0349	.0358
170.			.0851	.0877	.0842	.0853	.0909	.0895	.0912	.0923	.0922	.0918	.0914	.0939
180.	.3443	.2870	.2926	.2963	.2950	.2986	.3019	.3017	.3047	.3035	.3021	.3009	.2988	.3011
190.			.2348	.2359	.2394	.2410	.2526	.2516	.2517	.2546	.2526	.2510	.2518	.2516
200.		.1727	.1791	.1763	.1766	.1782	.1842	.1881	.1914	.1894	.1868	.1855	.1915	.1930
210.				.1531	.1498	.1522	.1591	.1611	.1608	.1635	.1646	.1589	.1669	.1682
220.	.2332	.1484	.1555	.1405	.1400	.1399	.1478	.1504	.1523	.1522	.1536	.1495	.1512	.1544
240.			.1221		.1334	.1328	.1355	.1371	.1381	.1388	.1427	.1414	.1404	.1433
270.	.1640	.1424	.1281	.1325	.1307	.1278	.1298	.1322	.1299	.1309	.1320	.1352	.1368	.1355
300.			.1314		.1263	.1213	.1247	.1322	.1305	.1313	.1356	.1348	.1324	.1344
320.	.1509	.1457	.1282	.1276	.1227	.1184	.1273	.1307	.1318	.1328	.1350	.1308	.1315	.1356
330.				.1281	.1258	.1251	.1298	.1311	.1315	.1335	.1337	.1288	.1350	.1374
340.		.1464	.1304	.1318	.1328	.1304	.1340	.1363	.1377	.1371	.1356	.1345	.1397	.1411
350.			.1457	.1446	.1433		.1508	.1501	.1494	.1518	.1498	.1482	.1497	.1514
						FOR ALPHA = 9.65 DEG								
0.	.0618	.0614	.0653	.0552	.0561	.0551	.0578	.0567	.0576	.0576	.0563	.0562	.0556	.0567
10.			.0166	.0161	.0137		.0153	.0139	.0136	.0136	.0114	.0108	.0116	.0120
20.		.0251	.0147	.0153	.0141	.0149	.0162	.0144	.0147	.0144	.0133	.0134	.0154	.0170
30.				.0150	.0143	.0139	.0167	.0155	.0158	.0171	.0162	.0148	.0176	.0188
40.	.0284	.0241	.0154	.0145	.0139	.0168	.0167	.0152	.0152	.0162	.0160	.0145	.0157	.0178
60.			.0152		.0128	.0134	.0146	.0135	.0133	.0136	.0150	.0155	.0148	.0159
90.	.0286	.0218	.0140	.0134	.0130	.0120	.0123	.0122	.0118	.0137	.0111	.0126	.0140	.0141
120.			.0119		.0119	.0106	.0129	.0127	.0119	.0122	.0116	.0127	.0127	.0136
140.	.0473	.0282	.0189	.0177	.0136	.0176	.0167	.0145	.0160	.0170	.0139	.0145	.0159	.0141
150.				.0298	.0247	.0250	.0260	.0275	.0258	.0276	.0270	.0255	.0272	.0304
160.		.0772	.0661	.0544	.0528	.0520	.0562	.0572	.0593	.0544	.0571	.0552	.0574	.0617
170.			.1199	.1303	.1304	.1312	.1390	.1365	.1378	.1421	.1406	.1411	.1423	.1435
180.	.4513	.4141	.4029	.4254	.4201	.4242	.4274	.4270	.4315	.4288	.4259	.4266	.4249	.4279
190.			.2988	.3039	.3085	.3060	.3187	.3170	.3182	.3221	.3200	.3182	.3194	.3200
200.		.2088	.2229	.2103	.2101	.2125	.2171	.2205	.2218	.2213	.2182	.2191	.2232	.2270
210.				.1718	.1721	.1713	.1760	.1797	.1774	.1814	.1799	.1765	.1871	.1847
220.	.2554	.1559	.1651	.1552	.1547	.1521	.1584	.1603	.1619	.1621	.1635	.1578	.1644	.1642
240.			.1448		.1368	.1375	.1421	.1432	.1442	.1430	.1458	.1440	.1455	.1491
270.	.1706	.1350	.1244	.1287	.1273	.1256	.1282	.1297	.1285	.1287	.1283	.1312	.1332	.1322
300.			.1205		.1187	.1149	.1194	.1231	.1195	.1212	.1261	.1257	.1236	.1258
320.	.1311	.1266	.1108	.1139	.1091	.1064	.1161	.1159	.1165	.1173	.1204	.1156	.1165	.1202
330.				.1097	.1041	.1053	.1112	.1126	.1122	.1141	.1141	.1094	.1146	.1170
340.		.1179	.1062	.1048	.1035	.1007	.1046	.1083	.1109	.1104	.1084	.1066	.1107	.1118
350.			.1034	.1006	.0986		.1006	.1019	.1020	.1051	.1032	.1020	.1030	.1049
						FOR ALPHA = 14.66 DEG								
0.	.0240	.0216	.0241	.0132	.0123	.0140	.0167	.0138	.0136	.0140	.0129	.0121	.0111	.0114
10.			.0102	.0080	.0062		.0082	.0070	.0054	.0044	.0024	.0024	.0038	.0059
20.		.0168	.0102	.0087	.0074	.0099	.0113	.0103	.0115	.0117	.0095	.0084	.0099	.0105
30.				.0074	.0064	.0070	.0096	.0080	.0085	.0102	.0089	.0071	.0090	.0102
40.	.0189	.0149	.0085	.0061	.0056	.0096	.0080	.0062	.0061	.0073	.0082	.0067	.0071	.0091
60.			.0063		.0046	.0028	.0026	.0027	.0015	.0027	.0031	.0047	.0044	.0046
90.	.0317	.0130	.0049	.0060	.0052	.0024	.0033	.0025	.0005	.0037	.0006	.0011	.0015	.0015
120.			.0096		.0115	.0102	.0115	.0088	.0116	.0105	.0097	.0118	.0124	.0119
140.	.0925	.0352	.0218	.0240	.0238	.0242	.0251	.0263	.0288	.0241	.0244	.0245	.0268	.0266
150.				.0404	.0410	.0369	.0431	.0432	.0414	.0427	.0465	.0416	.0491	.0482
160.		.0762	.0824	.0803	.0779	.0816	.0838	.0837	.0856	.0846	.0814	.0805	.0839	.0868
170.			.1629	.1819	.1841	.1852	.1932	.1919	.1922	.1946	.1952	.1959	.1967	.1987
180.	.5769	.5649	.5412	.5721	.5625	.5690	.5711	.5687	.5726	.5692	.5654	.5660	.5646	.5703
190.			.3577	.3815	.3794	.3783	.3919	.3903	.3892	.3941	.3937	.3923	.3940	.3949
200.		.2615	.2586	.2468	.2494	.2485	.2544	.2575	.2582	.2577	.2543	.2549	.2639	.2639
210.				.1962	.1936	.1931	.1971	.2018	.1997	.2005	.2011	.1992	.2062	.2111
220.	.2675	.1757	.1771	.1705	.1695	.1669	.1741	.1728	.1734	.1741	.1746	.1718	.1791	.1781
240.			.1394		.1466	.1425	.1467	.1481	.1486	.1520	.1526	.1524	.1535	.1589
270.	.1693	.1339	.1271	.1242	.1268	.1238	.1265	.1268	.1252	.1250	.1248	.1296	.1322	.1309
300.			.1126		.1061	.1081	.1093	.1111	.1102	.1112	.1152	.1158	.1140	.1159
320.	.1170	.1056	.0942	.0978	.0944	.0958	.1017	.1011	.0998	.1012	.1027	.0984	.0994	.1031
330.				.0894	.0894	.0852	.0904	.0904	.0933	.0939	.0921	.0884	.0919	.0943
340.		.0848	.0781	.0783	.0758	.0776	.0795	.0821	.0824	.0819	.0790	.0771	.0805	.0814
350.			.0578	.0601	.0621		.0631	.0630	.0611	.0628	.0595	.0582	.0590	.0607

TABLE III. - CONTINUED

(L) MACH = 3.95, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 4.65 DEG								
0.	.1256	.1223	.1227	.1212	.1211	.1256	.1265	.1266	.1262	.1234	.1223	.1256	.1251	0.
10.	.0219	.0250	.0228	.0208	.0231	.0255	.0254	.0257	.0245	.0237	.0239	.0250	.0258	10.
20.	.0197	.0193	.0189	.0180	.0168	.0209	.0217	.0210	.0199	.0179	.0172	.0193	.0203	20.
30.	.0198	.0187	.0184	.0175	.0218	.0215	.0215	.0219	.0210	.0192	.0185	.0189	.0202	30.
40.	.0214		.0185	.0181	.0208	.0217	.0221	.0225	.0222	.0199	.0184	.0196	.0215	40.
60.	.0202	.0183	.0184	.0179	.0207	.0208	.0206	.0213	.0210	.0190	.0209	.0224	.0237	60.
90.	.0189	.0175	.0177	.0183	.0187	.0193	.0199	.0203	.0186	.0179	.0199	.0221	.0238	90.
120.	.0179	.0166	.0179	.0177	.0186	.0188	.0182	.0187	.0191	.0169	.0191	.0202	.0223	120.
140.	.0133		.0131	.0131	.0139	.0165	.0180	.0187	.0180	.0171	.0164	.0178	.0196	140.
150.	.0169	.0139	.0139	.0131	.0156	.0157	.0154	.0173	.0169	.0170	.0159	.0162	.0173	150.
160.	.0315	.0322	.0303	.0322	.0306	.0324	.0329	.0345	.0325	.0310	.0308	.0322	.0342	160.
170.	.0832	.0926	.0861	.0853	.0875	.0873	.0869	.0855	.0839	.0834	.0870	.0868	.0864	170.
180.	.3013	.2974	.2965	.2932	.2926	.2940	.2944	.2939	.2931	.2909	.2885	.2930	.2909	180.
190.	.2451	.2499	.2433	.2379	.2497	.2458	.2460	.2465	.2434	.2429	.2442	.2458	.2495	190.
200.	.1878	.1880	.1866	.1858	.1841	.1892	.1920	.1907	.1885	.1857	.1821	.1884	.1904	200.
210.	.1602	.1579	.1577	.1561	.1576	.1630	.1634	.1644	.1624	.1613	.1592	.1599	.1626	210.
220.	.1508		.1459	.1464	.1500	.1516	.1532	.1537	.1533	.1509	.1479	.1512	.1554	220.
240.	.1394	.1343	.1366	.1361	.1401	.1412	.1411	.1417	.1362	.1373	.1419	.1452	.1485	240.
270.	.1332	.1299	.1314	.1331	.1330	.1341	.1357	.1359	.1331	.1320	.1365	.1407	.1439	270.
300.	.1306	.1269	.1281	.1285	.1328	.1328	.1327	.1345	.1289	.1303	.1351	.1378	.1399	300.
320.	.1322		.1263	.1270	.1316	.1332	.1344	.1357	.1351	.1312	.1281	.1310	.1353	320.
330.	.1306	.1290	.1286	.1274	.1314	.1351	.1354	.1365	.1349	.1322	.1308	.1314	.1340	330.
340.	.1390	.1353	.1346	.1350	.1338	.1400	.1425	.1412	.1397	.1368	.1348	.1398	.1422	340.
350.	.1474	.1516	.1470	.1451	.1549	.1537	.1547	.1544	.1539	.1504	.1522	.1538	.1554	350.
						FOR ALPHA = 9.65 DEG								
0.	.0574	.0551	.0547	.0529	.0522	.0556	.0567	.0567	.0566	.0544	.0533	.0550	.0555	0.
10.	.0119	.0109	.0095	.0081	.0107	.0125	.0129	.0138	.0133	.0116	.0121	.0134	.0141	10.
20.	.0163	.0154	.0146	.0144	.0136	.0173	.0187	.0185	.0176	.0154	.0143	.0167	.0176	20.
30.	.0166	.0156	.0148	.0138	.0179	.0173	.0175	.0183	.0177	.0159	.0150	.0156	.0167	30.
40.	.0171		.0142	.0137	.0156	.0163	.0166	.0172	.0167	.0146	.0133	.0148	.0167	40.
60.	.0155	.0135	.0133	.0127	.0145	.0145	.0145	.0152	.0152	.0127	.0145	.0162	.0170	60.
90.	.0132	.0115	.0115	.0121	.0117	.0121	.0133	.0134	.0123	.0117	.0137	.0157	.0170	90.
120.	.0103	.0084	.0081	.0084	.0110	.0125	.0140	.0130	.0134	.0104	.0121	.0140	.0163	120.
140.	.0122		.0103	.0115	.0127	.0131	.0150	.0162	.0156	.0150	.0138	.0157	.0177	140.
150.	.0241	.0233	.0257	.0236	.0230	.0246	.0273	.0260	.0267	.0269	.0264	.0268	.0282	150.
160.	.0554	.0557	.0555	.0561	.0525	.0571	.0611	.0578	.0566	.0572	.0546	.0579	.0583	160.
170.	.1320	.1419	.1352	.1338	.1362	.1342	.1328	.1326	.1321	.1308	.1315	.1339	.1320	170.
180.	.4290	.4237	.4221	.4178	.4168	.4181	.4187	.4186	.4169	.4139	.4111	.4181	.4146	180.
190.	.3120	.3185	.3095	.3040	.3150	.3105	.3108	.3131	.3093	.3090	.3094	.3127	.3161	190.
200.	.2185	.2211	.2216	.2216	.2213	.2242	.2262	.2255	.2221	.2184	.2165	.2243	.2255	200.
210.	.1786	.1752	.1762	.1779	.1788	.1848	.1849	.1865	.1832	.1817	.1794	.1794	.1822	210.
220.	.1650		.1613	.1614	.1651	.1664	.1671	.1676	.1665	.1636	.1607	.1647	.1682	220.
240.	.1459	.1402	.1433	.1431	.1456	.1471	.1467	.1464	.1397	.1407	.1452	.1498	.1534	240.
270.	.1313	.1278	.1298	.1318	.1315	.1331	.1343	.1343	.1312	.1300	.1342	.1383	.1407	270.
300.	.1238	.1206	.1212	.1213	.1246	.1244	.1238	.1253	.1199	.1207	.1255	.1281	.1291	300.
320.	.1183		.1124	.1127	.1166	.1183	.1185	.1191	.1186	.1147	.1119	.1154	.1197	320.
330.	.1125	.1109	.1096	.1081	.1118	.1152	.1157	.1169	.1152	.1118	.1103	.1108	.1133	330.
340.	.1102	.1069	.1067	.1077	.1064	.1120	.1138	.1126	.1114	.1083	.1062	.1100	.1121	340.
350.	.1036	.1062	.1022	.0998	.1071	.1065	.1072	.1068	.1061	.1027	.1037	.1048	.1062	350.
						FOR ALPHA = 14.66 DEG								
0.	.0112	.0082	.0085	.0076	.0069	.0103	.0106	.0107	.0108	.0097	.0086	.0094	.0095	0.
10.	.0073	.0060	.0056	.0043	.0068	.0080	.0084	.0085	.0080	.0060	.0060	.0067	.0073	10.
20.	.0085	.0075	.0079	.0079	.0076	.0105	.0115	.0113	.0109	.0093	.0083	.0102	.0109	20.
30.	.0075	.0065	.0062	.0050	.0102	.0090	.0098	.0103	.0099	.0081	.0072	.0075	.0086	30.
40.	.0066		.0040	.0039	.0069	.0078	.0082	.0080	.0078	.0057	.0048	.0062	.0084	40.
60.	.0014	.0007	.0018	.0025	.0049	.0042	.0039	.0046	.0064	.0038	.0058	.0064	.0070	60.
90.	.0001	-.0009	-.0006	.0001	-.0009	.0007	.0016	.0024	.0017	.0007	.0023	.0038	.0051	90.
120.	.0113	.0082	.0090	.0093	.0103	.0122	.0119	.0119	.0116	.0096	.0109	.0131	.0146	120.
140.	.0241		.0221	.0239	.0235	.0257	.0277	.0281	.0286	.0276	.0255	.0264	.0292	140.
150.	.0440	.0434	.0396	.0388	.0406	.0446	.0444	.0439	.0450	.0439	.0433	.0434	.0447	150.
160.	.0813	.0875	.0829	.0806	.0858	.0874	.0878	.0848	.0832	.0842	.0821	.0852	.0861	160.
170.	.1870	.1964	.1905	.1868	.1886	.1863	.1849	.1836	.1825	.1813	.1801	.1864	.1861	170.
180.	.5731	.5684	.5658	.5593	.5589	.5601	.5604	.5597	.5573	.5534	.5503	.5586	.5532	180.
190.	.3876	.3956	.3852	.3795	.3905	.3819	.3828	.3837	.3800	.3786	.3796	.3826	.3865	190.
200.	.2611	.2615	.2619	.2622	.2598	.2652	.2647	.2642	.2602	.2566	.2529	.2596	.2612	200.
210.	.2002	.2004	.1975	.1975	.1989	.2048	.2061	.2075	.2052	.2023	.2014	.2014	.2044	210.
220.	.1773		.1755	.1775	.1803	.1818	.1829	.1829	.1819	.1785	.1755	.1795	.1842	220.
240.	.1546	.1488	.1512	.1512	.1552	.1560	.1555	.1545	.1456	.1463	.1509	.1552	.1593	240.
270.	.1290	.1254	.1268	.1285	.1286	.1297	.1310	.1315	.1282	.1268	.1311	.1349	.1372	270.
300.	.1130	.1112	.1114	.1108	.1148	.1139	.1134	.1151	.1102	.1112	.1155	.1176	.1186	300.
320.	.1004		.0952	.0949	.0994	.1013	.1012	.1023	.1026	.0972	.0945	.0979	.1019	320.
330.	.0899	.0883	.0869	.0855	.0904	.0922	.0924	.0936	.0926	.0883	.0872	.0886	.0911	330.
340.	.0790	.0756	.0754	.0765	.0760	.0818	.0829	.0826	.0820	.0781	.0766	.0798	.0818	340.
350.	.0607	.0613	.0584	.0562	.0621	.0639	.0643	.0640	.0635	.0599	.0603	.0618	.0630	350.

TABLE III. - CONTINUED

(L) MACH = 3.95, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 19.65 DEG							
0.	.0095	.0096	.0063	.0023	.0011	-.0002	.0002	-.0007	-.0011	-.0016	-.0026	-.0029	-.0033	-.0028
10.			.0020	.0012	.0009		.0018	.0031	.0029	.0048	.0031	.0031	.0035	.0040
20.		.0048	-.0004	-.0020	-.0018	.0016	.0026	.0002	.0015	.0010	-.0009	-.0009	.0011	.0024
30.				-.0043	-.0035	-.0036	-.0030	-.0047	-.0042	-.0047	-.0050	-.0065	-.0034	-.0027
40.	.0063	.0005	-.0044	-.0067	-.0052	-.0030	-.0055	-.0070	-.0080	-.0075	-.0085	-.0092	-.0089	-.0086
60.			-.0056		-.0066	-.0088	-.0073	-.0083	-.0103	-.0079	-.0084	-.0090	-.0088	-.0080
90.	.0306	.0092	.0015	.0073	.0025	.0027	.0023	.0018	.0027	.0021	.0002	-.0004	.0028	.0010
120.			.0193		.0171	.0164	.0203	.0188	.0190	.0194	.0173	.0193	.0190	.0197
140.	.1140	.0472	.0385	.0361	.0407	.0363	.0406	.0398	.0405	.0416	.0386	.0401	.0365	.0392
150.				.0613	.0597	.0613	.0632	.0629	.0595	.0623	.0648	.0599	.0667	.0677
160.		.1188	.1210	.1134	.1075	.1105	.1116	.1128	.1130	.1123	.1099	.1084	.1126	.1175
170.			.2130	.2393	.2421	.2419	.2491	.2469	.2496	.2529	.2529	.2517	.2550	.2573
180.	.7285	.7228	.7001	.7310	.7215	.7288	.7280	.7260	.7304	.7243	.7171	.7180	.7155	.7224
190.			.4311	.4578	.4547	.4545	.4708	.4673	.4676	.4725	.4707	.4703	.4708	.4719
200.		.3145	.2976	.2924	.2889	.2923	.2957	.2970	.3008	.2964	.2952	.2935	.2994	.3039
210.				.2205	.2166	.2157	.2243	.2240	.2217	.2278	.2270	.2246	.2302	.2297
220.	.2893	.1908	.1873	.1896	.1874	.1849	.1922	.1959	.1908	.1892	.1924	.1906	.1887	.1918
240.			.1501		.1523	.1513	.1563	.1596	.1607	.1581	.1607	.1599	.1596	.1659
270.	.1738	.1345	.1207	.1271	.1277	.1241	.1269	.1259	.1258	.1282	.1265	.1284	.1304	.1305
300.			.1063		.1030	.1001	.1019	.1037	.1021	.1031	.1099	.1110	.1082	.1101
320.	.1003	.0891	.0863	.0801	.0792	.0828	.0855	.0856	.0854	.0866	.0872	.0837	.0839	.0895
330.				.0723	.0694	.0680	.0717	.0720	.0713	.0727	.0704	.0673	.0706	.0725
340.		.0564	.0532	.0534	.0525	.0520	.0548	.0547	.0511	.0537	.0501	.0489	.0523	.0524
350.			.0285	.0266	.0250		.0262	.0262	.0260	.0220	.0215	.0205	.0218	.0226

TABLE III. - CONTINUED

(L) MACH = 3.95, BETA = 5.01 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 19.65 DEG								
0.	-.0029	-.0051	-.0045	-.0050	-.0052	-.0025	-.0022	-.0021	-.0021	-.0030	-.0035	-.0033	-.0034	0.
10.	.0048	.0034	.0019	.0007	.0044	.0045	.0050	.0049	.0044	.0027	.0031	.0038	.0046	10.
20.	-.0001	-.0012	-.0011	-.0011	-.0013	.0017	.0026	.0024	.0018	.0001	-.0006	.0006	.0011	20.
30.	-.0058	-.0066	-.0067	-.0071	-.0011	-.0032	-.0026	-.0021	-.0026	-.0044	-.0051	-.0048	-.0039	30.
40.	-.0105		-.0117	-.0117	-.0092	-.0077	-.0079	-.0082	-.0086	-.0103	-.0108	-.0095	-.0078	40.
60.	-.0111	-.0128	-.0116	-.0117	-.0101	-.0103	-.0114	-.0097	-.0065	-.0102	-.0092	-.0090	-.0078	60.
90.	-.0001	-.0008	-.0008	-.0002	-.0007	.0003	.0020	.0020	.0009	.0003	.0022	.0033	.0045	90.
120.	.0195	.0151	.0174	.0165	.0172	.0181	.0200	.0202	.0191	.0164	.0192	.0211	.0231	120.
140.	.0355		.0393	.0360	.0352	.0372	.0381	.0399	.0401	.0393	.0388	.0410	.0438	140.
150.	.0594	.0568	.0586	.0569	.0570	.0602	.0628	.0617	.0606	.0626	.0619	.0619	.0626	150.
160.	.1087	.1114	.1143	.1127	.1090	.1152	.1149	.1151	.1119	.1132	.1118	.1139	.1132	160.
170.	.2410	.2560	.2486	.2406	.2470	.2417	.2398	.2404	.2378	.2360	.2383	.2393	.2370	170.
180.	.7252	.7232	.7214	.7176	.7177	.7183	.7169	.7169	.7121	.7092	.7045	.7132	.7034	180.
190.	.4648	.4755	.4627	.4585	.4693	.4596	.4592	.4604	.4554	.4538	.4555	.4587	.4596	190.
200.	.2993	.3017	.3033	.2999	.2992	.3058	.3079	.3086	.3008	.2989	.2952	.2996	.3008	200.
210.	.2224	.2206	.2178	.2193	.2186	.2253	.2266	.2305	.2281	.2279	.2262	.2263	.2292	210.
220.	.1900		.1867	.1894	.1935	.1944	.1956	.1961	.1964	.1942	.1906	.1954	.2001	220.
240.	.1623	.1570	.1599	.1593	.1626	.1647	.1636	.1619	.1531	.1551	.1591	.1634	.1677	240.
270.	.1286	.1250	.1279	.1294	.1286	.1290	.1311	.1313	.1284	.1276	.1318	.1349	.1368	270.
300.	.1078	.1059	.1053	.1050	.1073	.1071	.1070	.1087	.1042	.1044	.1095	.1105	.1112	300.
320.	.0874		.0822	.0819	.0854	.0867	.0865	.0868	.0860	.0813	.0791	.0823	.0862	320.
330.	.0693	.0690	.0695	.0675	.0715	.0712	.0717	.0721	.0716	.0680	.0671	.0677	.0700	330.
340.	.0503	.0476	.0472	.0470	.0474	.0533	.0559	.0550	.0535	.0492	.0478	.0500	.0519	340.
350.	.0234	.0224	.0213	.0196	.0236	.0249	.0255	.0247	.0238	.0196	.0190	.0207	.0245	350.

TABLE III. - CONTINUED

(M) MACH = 4.50, BETA = -.01 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.46 DEG								
0.	.3197	.3251	.3043	.3257	.3237	.3267	.3308	.3291	.3312	.3294	.3272	.3280	.3266	.3300
10.			.1480	.1621	.1669		.1740	.1718	.1716	.1738	.1721	.1718	.1723	.1732
20.		.1212	.1047	.1047	.0986	.0991	.1036	.1015	.1047	.1035	.1000	.1013	.1050	.1058
30.				.0798	.0769	.0735	.0762	.0782	.0776	.0782	.0780	.0749	.0794	.0794
40.	.0961	.0801	.0713	.0679	.0664	.0672	.0671	.0680	.0694	.0704	.0688	.0683	.0698	.0721
60.			.0623		.0611	.0615	.0625	.0617	.0609	.0644	.0644	.0638	.0632	.0648
90.	.0773	.0715	.0606	.0596	.0579	.0581	.0611	.0592	.0585	.0599	.0582	.0594	.0604	.0604
120.			.0625		.0552	.0561	.0583	.0582	.0579	.0609	.0570	.0581	.0586	.0612
140.	.0759	.0736	.0602	.0575	.0570	.0586	.0595	.0568	.0570	.0597	.0557	.0565	.0585	.0611
150.				.0595	.0600	.0660	.0610	.0594	.0590	.0604	.0584	.0563	.0597	.0615
160.		.0755	.0617	.0613	.0667	.0902	.0655	.0620	.0635	.0769	.0608	.0597	.0618	.0620
170.			.0747	.0807	.0728		.0820	.0780	.0777	.0786	.0755	.0743	.0747	.0751
180.	.1180	.1141	.1199	.1166	.1073	.1116	.1151	.1144	.1156	.1152	.1122	.1120	.1107	.1119
						FOR ALPHA = -1.50 DEG								
0.	.2318	.2352	.2362	.2319	.2325	.2361	.2395	.2401	.2434	.2424	.2400	.2405	.2382	.2401
10.			.1150	.1218	.1247		.1337	.1321	.1327	.1350	.1328	.1324	.1323	.1329
20.		.1014	.0813	.0796	.0774	.0853	.0863	.0861	.0886	.0863	.0842	.0838	.0874	.0897
30.				.0686	.0660	.0670	.0689	.0720	.0695	.0707	.0716	.0695	.0724	.0729
40.	.0911	.0780	.0667	.0634	.0637	.0641	.0659	.0648	.0650	.0683	.0664	.0647	.0664	.0683
60.			.0635		.0601	.0601	.0624	.0618	.0609	.0628	.0624	.0619	.0621	.0640
90.	.0807	.0750	.0632	.0629	.0597	.0600	.0608	.0601	.0586	.0587	.0578	.0605	.0634	.0638
120.			.0645		.0593	.0600	.0619	.0604	.0600	.0637	.0620	.0628	.0630	.0646
140.	.0822	.0781	.0644	.0618	.0617	.0637	.0651	.0641	.0650	.0684	.0642	.0614	.0632	.0661
150.				.0662	.0678	.0714	.0680	.0664	.0674	.0704	.0664	.0636	.0679	.0697
160.		.0894	.0720	.0742	.0780	.0985	.0787	.0750	.0780	.0889	.0740	.0733	.0753	.0774
170.			.0961	.0994	.1014		.1103	.1057	.1060	.1075	.1051	.1044	.1049	.1052
180.	.1721	.1747	.1781	.1727	.1698	.1751	.1787	.1781	.1807	.1804	.1775	.1774	.1759	.1774
						FOR ALPHA = -.50 DEG								
0.	.2110	.2143	.2161	.2104	.2114	.2154	.2194	.2201	.2231	.2217	.2190	.2189	.2173	.2187
10.			.1083	.1138	.1168		.1245	.1234	.1237	.1254	.1233	.1225	.1226	.1230
20.		.0967	.0777	.0785	.0764	.0785	.0799	.0820	.0849	.0833	.0803	.0796	.0829	.0851
30.				.0670	.0659	.0658	.0668	.0694	.0696	.0704	.0695	.0678	.0714	.0720
40.	.0867	.0772	.0650	.0630	.0632	.0644	.0648	.0647	.0651	.0665	.0673	.0642	.0647	.0673
60.			.0629		.0598	.0598	.0624	.0624	.0605	.0610	.0627	.0624	.0616	.0640
90.	.0812	.0757	.0631	.0634	.0600	.0600	.0607	.0600	.0577	.0573	.0572	.0613	.0638	.0640
120.			.0650		.0598	.0594	.0613	.0611	.0616	.0648	.0621	.0633	.0632	.0650
140.	.0837	.0791	.0653	.0627	.0626	.0633	.0662	.0645	.0664	.0699	.0649	.0638	.0650	.0667
150.				.0681	.0680	.0732	.0684	.0683	.0703	.0708	.0675	.0658	.0702	.0710
160.		.0936	.0748	.0764	.0800	.1019	.0812	.0804	.0809	.0921	.0771	.0766	.0791	.0812
170.			.1016	.1068	.1099		.1178	.1136	.1137	.1156	.1136	.1128	.1133	.1141
180.	.1896	.1927	.1952	.1902	.1884	.1942	.1970	.1962	.1990	.1983	.1961	.1961	.1946	.1962
						FOR ALPHA = .50 DEG								
0.	.1922	.1959	.1977	.1912	.1917	.1963	.2010	.2006	.2031	.2015	.1989	.1989	.1975	.1999
10.			.1024	.1053	.1097		.1158	.1145	.1146	.1162	.1141	.1132	.1134	.1142
20.		.0926	.0750	.0765	.0747	.0746	.0788	.0792	.0808	.0800	.0772	.0761	.0792	.0809
30.				.0661	.0642	.0643	.0675	.0666	.0695	.0691	.0672	.0658	.0702	.0710
40.	.0835	.0765	.0640	.0624	.0619	.0636	.0654	.0639	.0638	.0650	.0648	.0637	.0648	.0663
60.			.0632		.0598	.0592	.0606	.0603	.0601	.0601	.0615	.0629	.0626	.0646
90.	.0813	.0759	.0632	.0634	.0602	.0599	.0607	.0598	.0577	.0574	.0574	.0612	.0637	.0639
120.			.0648		.0602	.0601	.0627	.0624	.0619	.0655	.0637	.0635	.0626	.0647
140.	.0874	.0804	.0665	.0634	.0645	.0641	.0659	.0646	.0671	.0707	.0679	.0653	.0654	.0681
150.				.0689	.0690	.0755	.0681	.0696	.0707	.0714	.0700	.0685	.0715	.0727
160.		.0982	.0775	.0783	.0821	.1041	.0820	.0831	.0850	.0948	.0805	.0798	.0831	.0844
170.			.1077	.1151	.1174		.1268	.1223	.1226	.1244	.1227	.1221	.1225	.1233
180.	.2087	.2119	.2139	.2093	.2079	.2143	.2167	.2163	.2189	.2179	.2154	.2164	.2147	.2168
						FOR ALPHA = 1.50 DEG								
0.	.1749	.1778	.1801	.1735	.1736	.1775	.1818	.1815	.1835	.1823	.1798	.1802	.1791	.1811
10.			.0966	.0975	.1024		.1074	.1060	.1063	.1075	.1053	.1044	.1050	.1055
20.		.0885	.0725	.0744	.0723	.0719	.0770	.0749	.0772	.0765	.0738	.0734	.0750	.0772
30.				.0644	.0642	.0616	.0667	.0659	.0669	.0690	.0662	.0634	.0680	.0697
40.	.0824	.0757	.0635	.0616	.0607	.0630	.0639	.0633	.0630	.0642	.0640	.0619	.0638	.0665
60.			.0630		.0596	.0591	.0605	.0594	.0587	.0600	.0619	.0628	.0628	.0646
90.	.0810	.0753	.0628	.0632	.0600	.0601	.0609	.0602	.0587	.0590	.0583	.0610	.0632	.0635
120.			.0656		.0606	.0614	.0637	.0629	.0631	.0676	.0630	.0627	.0629	.0648
140.	.0919	.0812	.0682	.0640	.0651	.0650	.0675	.0661	.0683	.0723	.0672	.0652	.0675	.0691
150.				.0706	.0698	.0767	.0697	.0731	.0705	.0724	.0728	.0698	.0730	.0736
160.		.1026	.0808	.0797	.0832	.1095	.0863	.0868	.0895	.0983	.0845	.0837	.0873	.0901
170.			.1139	.1232	.1249		.1359	.1318	.1328	.1346	.1317	.1314	.1314	.1326
180.	.2292	.2322	.2336	.2304	.2285	.2336	.2370	.2371	.2401	.2388	.2355	.2360	.2342	.2371
						FOR ALPHA = 2.50 DEG								
0.	.1587	.1605	.1636	.1566	.1566	.1592	.1635	.1631	.1648	.1642	.1621	.1625	.1614	.1630
10.			.0909	.0908	.0936		.0991	.0976	.0977	.0991	.0969	.0961	.0968	.0974
20.		.0843	.0696	.0719	.0686	.0671	.0721	.0707	.0737	.0721	.0700	.0687	.0721	.0731
30.				.0621	.0615	.0607	.0639	.0639	.0640	.0660	.0650	.0614	.0646	.0671
40.	.0813	.0743	.0623	.0600	.0598	.0612	.0625	.0610	.0624	.0628	.0621	.0605	.0620	.0647
60.			.0619		.0588	.0582	.0596	.0580	.0567	.0568	.0585	.0622	.0629	.0642
90.	.0805	.0743	.0634	.0629	.0596	.0595	.0605	.0601	.0586	.0593	.0585	.0613	.0636	.0633
120.			.0654		.0610	.0623	.0646	.0624	.0633	.0664	.0633	.0632	.0630	.0649
140.	.0948	.0823	.0692	.0646	.0672	.0647	.0679	.0651	.0687	.0725	.0689	.0680	.0682	.0686
150.				.0750	.0706	.0774	.0740	.0725	.0727	.0764	.0748	.0712	.0748	.0753
160.		.1076	.0856	.0830	.0855	.1135	.0917	.0905	.0916	.1010	.0886	.0877	.0898	.0929
170.			.1215	.1320	.1339		.1448	.1409	.1419	.1443	.1419	.1412	.1414	.1423
180.	.2506	.2539	.2543	.2543	.2497	.2547	.2576	.2580	.2612	.2600	.2572	.2573	.2553	.2584

TABLE III. - CONTINUED

(M) MACH = 4.50, BETA = -.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.46 DEG								
0.	.3322	.3293	.3289	.3251	.3248	.3298	.3316	.3320	.3317	.3272	.3256	.3332	.3310	0.
10.	.1642	.1726	.1676	.1631	.1705	.1707	.1702	.1718	.1690	.1687	.1698	.1730	.1752	10.
20.	.1020	.1011	.1002	.0991	.1007	.1054	.1059	.1063	.1063	.1033	.1015	.1057	.1078	20.
30.	.0765	.0756	.0750	.0751	.0763	.0789	.0816	.0833	.0824	.0794	.0788	.0796	.0817	30.
40.	.0693		.0674	.0674	.0698	.0715	.0725	.0732	.0738	.0706	.0693	.0714	.0741	40.
60.	.0627	.0600	.0611	.0614	.0640	.0648	.0646	.0648	.0625	.0609	.0635	.0660	.0690	60.
90.	.0595	.0579	.0581	.0591	.0592	.0599	.0605	.0605	.0582	.0574	.0599	.0625	.0648	90.
120.	.0602	.0576	.0576	.0570	.0588	.0585	.0581	.0587	.0575	.0562	.0587	.0607	.0623	120.
140.	.0604		.0562	.0555	.0575	.0583	.0588	.0595	.0600	.0574	.0559	.0577	.0601	140.
150.	.0588	.0573	.0565	.0551	.0587	.0593	.0596	.0604	.0600	.0580	.0572	.0578	.0595	150.
160.	.0610	.0615	.0608	.0598	.0593	.0634	.0644	.0637	.0626	.0607	.0600	.0630	.0649	160.
170.	.0737	.0748	.0728	.0701	.0744	.0751	.0761	.0765	.0748	.0734	.0740	.0757	.0775	170.
180.	.1123	.1112	.1111	.1092	.1092	.1126	.1133	.1133	.1134	.1106	.1089	.1118	.1102	180.
						FOR ALPHA = -1.50 DEG								
0.	.2412	.2379	.2379	.2355	.2357	.2405	.2430	.2443	.2444	.2402	.2377	.2420	.2391	0.
10.	.1251	.1310	.1272	.1234	.1304	.1307	.1310	.1321	.1305	.1311	.1324	.1334	.1353	10.
20.	.0836	.0845	.0830	.0830	.0816	.0868	.0885	.0883	.0862	.0859	.0848	.0887	.0901	20.
30.	.0695	.0691	.0693	.0674	.0704	.0734	.0743	.0751	.0737	.0724	.0712	.0718	.0736	30.
40.	.0651		.0629	.0637	.0670	.0684	.0687	.0693	.0691	.0669	.0651	.0669	.0695	40.
60.	.0616	.0595	.0602	.0599	.0621	.0629	.0631	.0636	.0626	.0608	.0630	.0655	.0679	60.
90.	.0624	.0603	.0606	.0610	.0608	.0613	.0620	.0619	.0595	.0589	.0612	.0640	.0663	90.
120.	.0629	.0606	.0609	.0601	.0626	.0629	.0627	.0631	.0608	.0599	.0623	.0644	.0663	120.
140.	.0644		.0612	.0611	.0635	.0648	.0656	.0660	.0658	.0632	.0615	.0634	.0659	140.
150.	.0654	.0645	.0642	.0631	.0657	.0675	.0682	.0689	.0678	.0660	.0650	.0657	.0676	150.
160.	.0731	.0736	.0716	.0716	.0705	.0755	.0772	.0763	.0752	.0732	.0726	.0765	.0783	160.
170.	.0998	.1039	.1009	.0971	.1021	.1029	.1032	.1037	.1014	.1008	.1020	.1032	.1053	170.
180.	.1776	.1752	.1747	.1725	.1717	.1755	.1766	.1763	.1760	.1724	.1706	.1745	.1729	180.
						FOR ALPHA = -.50 DEG								
0.	.2203	.2174	.2178	.2149	.2155	.2217	.2242	.2247	.2242	.2190	.2164	.2210	.2183	0.
10.	.1168	.1220	.1189	.1145	.1212	.1227	.1236	.1244	.1228	.1219	.1227	.1243	.1263	10.
20.	.0801	.0806	.0789	.0782	.0792	.0846	.0858	.0862	.0838	.0821	.0818	.0850	.0870	20.
30.	.0678	.0673	.0684	.0670	.0705	.0721	.0728	.0741	.0727	.0705	.0695	.0699	.0720	30.
40.	.0656		.0626	.0625	.0659	.0672	.0687	.0691	.0691	.0660	.0643	.0658	.0685	40.
60.	.0628	.0606	.0608	.0605	.0634	.0637	.0639	.0643	.0620	.0602	.0629	.0652	.0674	60.
90.	.0625	.0606	.0605	.0612	.0618	.0619	.0625	.0625	.0599	.0590	.0617	.0643	.0667	90.
120.	.0631	.0607	.0609	.0603	.0631	.0634	.0632	.0635	.0617	.0605	.0631	.0655	.0677	120.
140.	.0640		.0616	.0618	.0650	.0662	.0670	.0678	.0680	.0654	.0636	.0653	.0682	140.
150.	.0666	.0657	.0652	.0641	.0685	.0705	.0709	.0719	.0703	.0684	.0675	.0678	.0698	150.
160.	.0777	.0755	.0756	.0749	.0742	.0800	.0802	.0804	.0786	.0766	.0768	.0803	.0818	160.
170.	.1075	.1122	.1088	.1045	.1105	.1117	.1117	.1119	.1098	.1096	.1104	.1121	.1140	170.
180.	.1967	.1937	.1934	.1904	.1902	.1950	.1955	.1951	.1949	.1914	.1890	.1933	.1911	180.
						FOR ALPHA = .50 DEG								
0.	.2007	.1978	.1982	.1959	.1973	.2033	.2048	.2049	.2043	.1994	.1969	.2010	.1990	0.
10.	.1080	.1127	.1097	.1059	.1127	.1147	.1155	.1167	.1147	.1135	.1138	.1151	.1167	10.
20.	.0772	.0755	.0754	.0753	.0751	.0808	.0816	.0824	.0810	.0786	.0786	.0820	.0836	20.
30.	.0666	.0657	.0651	.0646	.0699	.0710	.0716	.0730	.0713	.0689	.0678	.0682	.0701	30.
40.	.0642		.0619	.0620	.0651	.0662	.0673	.0685	.0683	.0651	.0634	.0651	.0677	40.
60.	.0628	.0605	.0606	.0602	.0633	.0634	.0635	.0639	.0614	.0599	.0623	.0647	.0665	60.
90.	.0624	.0604	.0607	.0612	.0620	.0621	.0626	.0630	.0598	.0590	.0614	.0640	.0662	90.
120.	.0633	.0609	.0611	.0605	.0634	.0637	.0636	.0646	.0622	.0610	.0637	.0658	.0681	120.
140.	.0658		.0627	.0627	.0663	.0674	.0686	.0692	.0695	.0666	.0648	.0662	.0689	140.
150.	.0682	.0676	.0682	.0668	.0702	.0723	.0725	.0739	.0729	.0704	.0691	.0694	.0716	150.
160.	.0807	.0811	.0792	.0784	.0792	.0838	.0849	.0849	.0824	.0807	.0802	.0829	.0849	160.
170.	.1163	.1222	.1181	.1138	.1202	.1203	.1205	.1209	.1188	.1176	.1185	.1204	.1227	170.
180.	.2178	.2143	.2135	.2109	.2109	.2146	.2152	.2149	.2145	.2099	.2079	.2126	.2106	180.
						FOR ALPHA = 1.50 DEG								
0.	.1820	.1786	.1795	.1782	.1789	.1845	.1861	.1854	.1846	.1799	.1776	.1814	.1794	0.
10.	.0999	.1035	.1014	.0981	.1044	.1071	.1080	.1087	.1063	.1047	.1051	.1061	.1078	10.
20.	.0722	.0723	.0715	.0720	.0712	.0775	.0791	.0791	.0782	.0757	.0751	.0791	.0803	20.
30.	.0645	.0635	.0637	.0629	.0674	.0689	.0700	.0709	.0699	.0669	.0660	.0668	.0684	30.
40.	.0635		.0606	.0608	.0647	.0655	.0665	.0671	.0671	.0633	.0619	.0637	.0661	40.
60.	.0619	.0598	.0603	.0599	.0634	.0634	.0633	.0636	.0611	.0594	.0618	.0638	.0658	60.
90.	.0615	.0596	.0598	.0606	.0617	.0618	.0625	.0625	.0593	.0586	.0611	.0637	.0660	90.
120.	.0622	.0596	.0601	.0597	.0630	.0632	.0633	.0640	.0620	.0609	.0636	.0661	.0688	120.
140.	.0656		.0626	.0629	.0673	.0688	.0691	.0697	.0698	.0672	.0656	.0671	.0699	140.
150.	.0695	.0687	.0686	.0670	.0707	.0733	.0744	.0756	.0744	.0721	.0709	.0712	.0734	150.
160.	.0834	.0837	.0822	.0820	.0808	.0872	.0880	.0873	.0854	.0842	.0830	.0867	.0880	160.
170.	.1243	.1307	.1262	.1222	.1286	.1294	.1290	.1290	.1270	.1263	.1272	.1293	.1321	170.
180.	.2381	.2343	.2336	.2302	.2300	.2351	.2353	.2350	.2346	.2295	.2273	.2325	.2306	180.
						FOR ALPHA = 2.50 DEG								
0.	.1644	.1616	.1624	.1609	.1614	.1658	.1666	.1664	.1659	.1620	.1602	.1635	.1618	0.
10.	.0927	.0960	.0936	.0908	.0965	.0987	.0993	.0999	.0973	.0963	.0971	.0981	.0997	10.
20.	.0694	.0688	.0685	.0682	.0695	.0731	.0750	.0755	.0740	.0725	.0718	.0751	.0769	20.
30.	.0629	.0623	.0623	.0613	.0655	.0662	.0664	.0676	.0668	.0649	.0641	.0647	.0664	30.
40.	.0627		.0598	.0597	.0625	.0633	.0640	.0649	.0649	.0622	.0605	.0622	.0645	40.
60.	.0616	.0594	.0597	.0592	.0620	.0620	.0617	.0621	.0607	.0589	.0613	.0634	.0652	60.
90.	.0616	.0594	.0595	.0600	.0607	.0608	.0612	.0615	.0594	.0587	.0609	.0636	.0657	90.
120.	.0628	.0600	.0602	.0601	.0632	.0638	.0635	.0642	.0625	.0616	.0644	.0671	.0697	120.
140.	.0655		.0645	.0650	.0690	.0697	.0702	.0707	.0708	.0687	.0672	.0690	.0713	140.
150.	.0707	.0707	.0701	.0689	.0726	.0751	.0760	.0770	.0759	.0746	.0738	.0739	.0756	150.
160.	.0883	.0884	.0869	.0867	.0868	.0906	.0921	.0917	.0897	.0885	.0879	.0898	.0920	160.
170.	.1340	.1412	.1364	.1324	.1387	.1389	.1384	.1392	.1359	.1367	.1372	.1389	.1410	170.
180.	.2595	.2566	.2557	.2526	.2521	.2565	.2572	.2563	.2556	.2511	.2492	.2541	.2520	180.

TABLE III. - CONTINUED

(M) MACH = 4.50, BETA = -.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 4.50 DEG								
0.	.1293	.1300	.1338	.1273	.1233	.1259	.1304	.1303	.1323	.1319	.1297	.1300	.1293	.1312
10.			.0798	.0815	.0776		.0838	.0827	.0827	.0840	.0822	.0813	.0819	.0826
20.		.0769	.0641	.0662	.0614	.0643	.0645	.0637	.0658	.0647	.0632	.0618	.0647	.0666
30.				.0592	.0577	.0570	.0611	.0598	.0590	.0602	.0596	.0571	.0614	.0636
40.	.0776	.0720	.0604	.0581	.0566	.0583	.0592	.0576	.0568	.0586	.0601	.0588	.0598	.0626
60.			.0608		.0566	.0563	.0575	.0569	.0558	.0564	.0582	.0601	.0601	.0617
90.	.0780	.0731	.0614	.0611	.0582	.0587	.0599	.0606	.0584	.0596	.0581	.0597	.0608	.0605
120.			.0644		.0626	.0631	.0639	.0624	.0639	.0675	.0648	.0635	.0628	.0645
140.	.0966	.0832	.0710	.0677	.0683	.0677	.0670	.0690	.0702	.0743	.0697	.0677	.0688	.0708
150.				.0808	.0790	.0778	.0766	.0768	.0770	.0781	.0775	.0756	.0799	.0793
160.		.1174	.0979	.0986	.0978	.1175	.0995	.0988	.1002	.1092	.0970	.0953	.0987	.1020
170.			.1381	.1527	.1556		.1640	.1609	.1614	.1638	.1624	.1618	.1620	.1632
180.	.2957	.2997	.2874	.2992	.2954	.2996	.3027	.3019	.3060	.3052	.3025	.3021	.3003	.3032
						FOR ALPHA = 9.51 DEG								
0.	.0728	.0707	.0742	.0675	.0653	.0653	.0695	.0691	.0701	.0705	.0693	.0693	.0686	.0696
10.			.0534	.0522	.0523		.0547	.0533	.0541	.0549	.0534	.0531	.0540	.0543
20.		.0596	.0496	.0486	.0469	.0487	.0499	.0476	.0490	.0492	.0475	.0475	.0505	.0522
30.				.0482	.0462	.0458	.0490	.0474	.0473	.0486	.0482	.0475	.0507	.0527
40.	.0623	.0597	.0499	.0480	.0461	.0495	.0499	.0487	.0489	.0507	.0510	.0489	.0499	.0529
60.			.0524		.0469	.0492	.0508	.0512	.0510	.0515	.0515	.0522	.0516	.0531
90.	.0762	.0673	.0550	.0551	.0560	.0563	.0561	.0546	.0543	.0559	.0540	.0553	.0567	.0564
120.			.0644		.0636	.0607	.0618	.0635	.1637	.0671	.0627	.0643	.0638	.0661
140.	.1052	.0925	.0810	.0780	.0768	.0708	.0742	.0749	.0724	.0798	.0739	.0731	.0730	.0739
150.				.0867	-.1881	.0916	.0904	.0861	.0879	.0887	.0890	.0868	.0914	.0918
160.		.1477	.1364	.1217	.1234	.1431	.1240	.1252	.1261	.1331	.1239	.1218	.1258	.1274
170.			.1929	.2078	.2107		.2196	.2153	.2157	.2186	.2180	.2174	.2183	.2194
180.	.4213	.4268	.4163	.4312	.4217	.4271	.4294	.4260	.4306	.4278	.4259	.4269	.4249	-.1178
						FOR ALPHA = 14.50 DEG								
0.	.0441	.0407	.0373	.0334	.0315	.0315	.0339	.0337	.0335	.0332	.0326	.0329	.0330	.0339
10.			.0315	.0311	.0301		.0335	.0326	.0322	.0316	.0295	.0293	.0304	.0321
20.		.0399	.0336	.0317	.0300	.0332	.0342	.0334	.0358	.0339	.0319	.0318	.0337	.0339
30.				.0322	.0320	.0326	.0361	.0376	.0366	.0366	.0350	.0326	.0344	.0359
40.	.0522	.0439	.0366	.0351	.0333	.0401	.0415	.0390	.0375	.0381	.0375	.0364	.0368	.0394
60.			.0422		.0366	.0429	.0419	.0403	.0404	.0418	.0427	.0438	.0425	.0457
90.	.0721	.0614	.0502	.0522	.0535	.0510	.0510	.0509	.0499	.0499	.0505	.0516	.0517	.0523
120.			.0633		.0645	.0623	.0666	.0663	.0706	.0714	.0657	.0639	.0665	.0667
140.	.1167	.1000	.0899	.0868	.0826	.0826	.0843	.0899	.0879	.0888	.0857	.0828	.0843	.0842
150.				.1105	.1069	.1114	.1087	.1084	.1066	.1087	.1059	.1024	.1109	.1102
160.		.1811	.1677	.1501	.1551	.1698	.1562	.1564	.1570	.1629	.1525	.1510	.1574	.1577
170.			.2516	.2695	.2684		.2807	.2777	.2773	.2805	.2785	.2787	.2793	.2811
180.	.5606	.5660	.5312	.5795	.5677	.5728	.5734	.5696	.5739	.5682	.5637	.5653	.5640	.5695
						FOR ALPHA = 19.50 DEG								
0.	.0288	.0247	.0220	.0179	.0172	.0166	.0177	.0169	.0160	.0162	.0162	.0162	.0165	.0176
10.			.0155	.0138	.0133		.0166	.0155	.0142	.0151	.0129	.0123	.0129	.0138
20.		.0209	.0170	.0138	.0141	.0169	.0212	.0181	.0172	.0161	.0136	.0139	.0152	.0161
30.				.0181	.0175	.0198	.0241	.0200	.0185	.0209	.0193	.0179	.0195	.0211
40.	.0389	.0307	.0250	.0211	.0215	.0313	.0275	.0240	.0244	.0264	.0261	.0240	.0266	.0285
60.			.0355		.0382	.0355	.0361	.0348	.0333	.0354	.0383	.0388	.0364	.0379
90.	.0726	.0612	.0487	.0535	.0545	.0515	.0521	.0484	.0531	.0553	.0500	.0537	.0537	.0540
120.			.0775		.0738	.0710	.0707	.0769	.0786	.0776	.0763	.0786	.0753	.0786
140.	.1317	.1162	.1031	.1002	.0985	.0912	.1020	.1006	.1012	.1030	.0996	.0980	.0980	.0989
150.				.1279	.1261	.1314	.1287	.1285	.1249	.1278	.1275	.1255	.1305	.1365
160.		.2161	.1924	.1839	.1816	.2007	.1875	.1886	.1909	.1935	.1848	.1823	.1906	.1891
170.			.2960	.3289	.3322		.3464	.3434	.3448	.3480	.3459	.3453	.3463	.3466
180.	.7147	.7158	.7080	.7296	.7239	.7349	.7362	.7332	.7375	.7282	.7207	.7205	.7167	.7206

TABLE III. - CONTINUED

(M) MACH = 4.50, BETA = -.01 DEG, CONCLUDED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 4.50 DEG								
0.	.1326	.1302	.1305	.1287	.1286	.1335	.1351	.1351	.1347	.1298	.1281	.1312	.1296	0.
10.	.0791	.0814	.0798	.0775	.0822	.0851	.0869	.0871	.0846	.0817	.0825	.0837	.0849	10.
20.	.0635	.0630	.0639	.0628	.0630	.0688	.0712	.0713	.0696	.0659	.0648	.0677	.0692	20.
30.	.0592	.0582	.0583	.0575	.0632	.0640	.0649	.0659	.0648	.0610	.0601	.0604	.0618	30.
40.	.0601		.0570	.0568	.0607	.0619	.0630	.0636	.0634	.0590	.0574	.0588	.0610	40.
60.	.0593	.0575	.0576	.0572	.0610	.0614	.0615	.0620	.0591	.0571	.0596	.0614	.0630	60.
90.	.0590	.0576	.0579	.0587	.0605	.0613	.0618	.0620	.0583	.0576	.0599	.0623	.0642	90.
120.	.0625	.0595	.0602	.0599	.0640	.0650	.0646	.0653	.0620	.0610	.0636	.0664	.0692	120.
140.	.0692		.0659	.0666	.0708	.0722	.0719	.0724	.0728	.0696	.0683	.0705	.0736	140.
150.	.0755	.0758	.0743	.0734	.0775	.0788	.0794	.0818	.0805	.0781	.0772	.0773	.0791	150.
160.	.0980	.0984	.0954	.0946	.0956	.1006	.1013	.1015	.0994	.0978	.0959	.0987	.1020	160.
170.	.1542	.1619	.1567	.1524	.1589	.1598	.1587	.1600	.1566	.1565	.1564	.1587	.1614	170.
180.	.3045	.3018	.3019	.2983	.2972	.3026	.3032	.3025	.3014	.2956	.2928	.2987	.2959	180.
						FOR ALPHA = 9.51 DEG								
0.	.0698	.0669	.0671	.0658	.0658	.0691	.0697	.0700	.0701	.0684	.0676	.0699	.0692	0.
10.	.0532	.0525	.0518	.0500	.0535	.0549	.0554	.0556	.0543	.0531	.0534	.0543	.0555	10.
20.	.0499	.0482	.0481	.0481	.0473	.0508	.0521	.0518	.0508	.0491	.0476	.0498	.0511	20.
30.	.0489	.0477	.0474	.0464	.0515	.0508	.0512	.0520	.0510	.0492	.0481	.0484	.0497	30.
40.	.0504		.0479	.0477	.0505	.0510	.0513	.0519	.0516	.0491	.0476	.0492	.0513	40.
60.	.0509	.0498	.0500	.0495	.0522	.0521	.0518	.0524	.0528	.0503	.0530	.0546	.0556	60.
90.	.0544	.0530	.0536	.0543	.0545	.0553	.0557	.0559	.0538	.0532	.0555	-.2190	.0602	90.
120.	.0634	.0597	.0613	.0605	.0634	.0658	.0649	.0654	.0621	.0612	.0636	.0667	.0693	120.
140.	.0721		.0706	.0709	.0739	.0776	.0781	-.3550	.0800	.0760	.0756	.0775	.0808	140.
150.	.0838	.0856	.0847	.0820	.0831	.0915	.0899	.0919	.0915	.0901	.0905	.0911	.0931	150.
160.	.1210	.1236	.1231	.0671	.1211	.1264	.1278	.1291	.1266	.1246	.1232	.1271	.1282	160.
170.	.2078	.2181	.2112	.2070	.2145	.2135	.2132	.2139	.2104	.2101	.2108	.2134	.2165	170.
180.	.4303	.4266	.4264	.4221	.4222	.4277	.4285	.4277	.4260	.4196	.4169	.4238	.4203	180.
						FOR ALPHA = 14.50 DEG								
0.	.0345	.0331	.0335	.0325	.0325	.0362	.0365	.0367	.0367	.0342	.0333	.0345	.0341	0.
10.	.0342	.0328	.0316	.0300	.0332	.0350	.0353	.0353	.0350	.0321	.0325	.0330	.0338	10.
20.	.0326	.0314	.0314	.0316	.0314	.0354	.0363	.0363	.0356	.0326	.0317	.0332	.0341	20.
30.	.0346	.0337	.0333	.0324	.0390	.0368	.0372	.0380	.0373	.0339	.0331	.0332	.0346	30.
40.	.0381		.0360	.0350	.0385	.0395	.0398	.0398	.0395	.0352	.0339	.0351	.0371	40.
60.	.0447	.0429	.0417	.0407	.0437	.0438	.0438	.0444	.0440	.0405	.0428	.0440	.0450	60.
90.	.0502	.0479	.0485	.0492	.0513	.0515	.0524	.0529	.0501	.0493	.0520	.0539	.0555	90.
120.	.0642	.0618	.0633	.0633	.0672	.0712	.0689	.0687	.0654	.0653	.0672	.0704	.0730	120.
140.	.0821		.0814	.0800	.0830	.0877	.0872	.0896	.0894	.0858	.0875	.0889	.0916	140.
150.	.1048	.1007	.1021	.1026	.1027	.1070	.1085	.1105	.1089	.1079	.1093	.1075	.1110	150.
160.	.1517	.1540	.1535	.1564	.1543	.1564	.1587	.1594	.1571	.1566	.1556	.1585	.1594	160.
170.	.2686	.2805	.2719	.2675	.2750	.2717	.2728	.2733	.2693	.2694	.2714	.2745	.2777	170.
180.	.5717	.5676	.5660	.5612	.5631	.5691	.5706	.5699	.5680	.5604	.5577	.5672	.5615	180.
						FOR ALPHA = 19.50 DEG								
0.	.0181	.0164	.0169	.0162	.0161	.0187	.0195	.0196	.0199	.0184	.0175	.0182	.0182	0.
10.	.0166	.0135	.0131	.0123	.0146	.0167	.0175	.0174	.0173	.0153	.0155	.0161	.0170	10.
20.	.0140	.0133	.0135	.0140	.0136	.0169	.0179	.0178	.0171	.0148	.0145	.0158	.0169	20.
30.	.0191	.0188	.0183	.0165	.0233	.0195	.0200	.0207	.0204	.0180	.0177	.0180	.0193	30.
40.	.0256		.0225	.0220	.0250	.0258	.0261	.0264	.0263	.0231	.0220	.0231	.0257	40.
60.	.0358	.0351	.0340	.0342	.0370	.0382	.0374	.0393	.0392	.0351	.0369	.0386	.0402	60.
90.	.0508	.0504	.0502	.0509	.0526	.0539	.0544	.0542	.0519	.0509	.0536	.0551	.0568	90.
120.	.0721	.0692	.0715	.0733	.0764	.0767	.0772	.0765	.0723	.0716	.0734	.0769	.0796	120.
140.	.0958		.0928	.0943	.0956	.1002	.0999	.1009	.1030	.0996	.0977	.1013	.1038	140.
150.	.1230	.1212	.1222	.1187	.1238	.1266	.1270	.1303	.1290	.1268	.1248	.1249	.1282	150.
160.	.1836	.1846	.1866	.1844	.1839	.1884	.1949	.1920	.1883	.1895	.1863	.1905	.1903	160.
170.	.3326	.3452	.3353	.3311	.3383	.3356	.3349	.3369	.3339	.3329	.3343	.3361	.3361	170.
180.	.7216	.7173	.7173	.7142	.7161	.7233	.7251	.7286	.7259	.7190	.7158	.7255	.7153	180.

TABLE III. - CONTINUED

(N) MACH = 4.50, BETA = .99 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -1.50 DEG								
0.	.2323	.2355	.2364	.2320	.2321	.2357	.2395	.2394	.2427	.2419	.2395	.2398	.2378	.2401
10.			.1005	.1042	.1114		.1184	.1163	.1177	.1196	.1178	.1178	.1181	.1190
20.		.0880	.0683	.0676	.0640	.0679	.0715	.0711	.0734	.0715	.0706	.0701	.0740	.0750
30.				.0583	.0534	.0532	.0609	.0584	.0572	.0592	.0588	.0568	.0590	.0609
40.	.0794	.0660	.0547	.0516	.0525	.0529	.0543	.0520	.0549	.0539	.0534	.0529	.0558	.0562
60.			.0527		.0490	.0500	.0517	.0505	.0508	.0512	.0513	.0512	.0509	.0527
90.	.0699	.0643	.0531	.0531	.0496	.0501	.0507	.0503	.0490	.0496	.0473	.0498	.0526	.0534
120.			.0555		.0499	.0504	.0523	.0512	.0516	.0563	.0505	.0516	.0523	.0544
140.	.0725	.0683	.0550	.0524	.0523	.0540	.0552	.0529	.0541	.0601	.0537	.0520	.0532	.0544
150.				.0565	.0574	.0640	.0570	.0545	.0578	.0579	.0538	.0525	.0567	.0578
160.		.0791	.0611	.0633	.0667	.0945	.0655	.0647	.0659	.0776	.0617	.0611	.0635	.0648
170.			.0838	.0894	.0890		.0986	.0928	.0936	.0947	.0926	.0920	.0921	.0927
180.	.1726	.1752	.1783	.1732	.1699	.1750	.1780	.1771	.1799	.1794	.1771	.1772	.1755	.1769
190.			.1095	.1116	.1115		.1215	.1172	.1175	.1191	.1171	.1165	.1172	.1175
200.		.1012	.0838	.0860	.0879	.1073	.0870	.0863	.0893	.0994	.0860	.0849	.0882	.0892
210.				.0765	.0770	.0813	.0768	.0773	.0776	.0789	.0775	.0745	.0798	.0813
220.	.0934	.0895	.0745	.0723	.0719	.0719	.0750	.0739	.0752	.0777	.0748	.0734	.0747	.0773
240.			.0745		.0694	.0690	.0708	.0691	.0681	.0733	.0742	.0750	.0744	.0763
270.	.0928	.0868	.0737	.0732	.0701	.0697	.0704	.0694	.0676	.0687	.0696	.0730	.0754	.0751
300.			.0742		.0711	.0699	.0719	.0732	.0729	.0744	.0751	.0741	.0735	.0758
320.	.1035	.0902	.0786	.0750	.0749	.0747	.0750	.0763	.0775	.0808	.0780	.0783	.0788	.0813
330.				.0798	.0795	.0791	.0802	.0844	.0834	.0838	.0835	.0818	.0858	.0865
340.		.1148	.0943	.0928	.0939	.0964	.1008	.0994	.1023	.1006	.0974	.0972	.1013	.1018
350.			.1301	.1338	.1377		.1480	.1461	.1471	.1493	.1469	.1464	.1464	.1472
						FOR ALPHA = -.50 DEG								
0.	.2114	.2144	.2164	.2104	.2114	.2151	.2188	.2188	.2220	.2209	.2185	.2186	.2171	.2194
10.			.0939	.0974	.1027		.1089	.1071	.1085	.1108	.1091	.1087	.1090	.1101
20.		.0840	.0645	.0645	.0610	.0662	.0680	.0675	.0695	.0686	.0671	.0669	.0692	.0718
30.				.0546	.0532	.0533	.0552	.0576	.0557	.0566	.0569	.0558	.0585	.0579
40.	.0759	.0655	.0536	.0514	.0512	.0528	.0534	.0521	.0533	.0551	.0525	.0529	.0552	.0567
60.			.0523		.0489	.0488	.0513	.0502	.0493	.0513	.0523	.0517	.0514	.0530
90.	.0704	.0649	.0534	.0535	.0499	.0500	.0505	.0501	.0486	.0487	.0467	.0497	.0523	.0531
120.			.0556		.0503	.0504	.0521	.0521	.0520	.0567	.0514	.0522	.0523	.0544
140.	.0743	.0691	.0555	.0530	.0537	.0547	.0553	.0542	.0562	.0611	.0546	.0518	.0534	.0557
150.				.0576	.0584	.0651	.0567	.0600	.0579	.0583	.0558	.0538	.0577	.0583
160.		.0829	.0631	.0648	.0677	.0977	.0693	.0678	.0687	.0798	.0645	.0638	.0670	.0692
170.			.0888	.0955	.0963		.1062	.1009	.1013	.1028	.1003	.1000	.1001	.1008
180.	.1905	.1931	.1955	.1909	.1889	.1943	.1969	.1961	.1990	.1980	.1953	.1957	.1944	.1961
190.			.1166	.1183	.1209		.1308	.1267	.1267	.1285	.1263	.1257	.1267	.1269
200.		.1064	.0877	.0887	.0931	.1107	.0927	.0923	.0930	.1040	.0898	.0891	.0923	.0945
210.				.0791	.0804	.0822	.0784	.0798	.0805	.0825	.0798	.0778	.0827	.0836
220.	.0953	.0912	.0766	.0738	.0728	.0739	.0759	.0758	.0770	.0801	.0766	.0747	.0764	.0793
240.			.0757		.0702	.0696	.0711	.0703	.0715	.0754	.0742	.0751	.0744	.0764
270.	.0936	.0879	.0741	.0742	.0708	.0704	.0706	.0694	.0669	.0674	.0690	.0734	.0759	.0758
300.			.0740		.0706	.0703	.0717	.0731	.0720	.0729	.0745	.0749	.0741	.0761
320.	.0984	.0893	.0764	.0746	.0737	.0747	.0765	.0767	.0773	.0784	.0785	.0764	.0781	.0805
330.				.0791	.0779	.0768	.0803	.0808	.0832	.0841	.0817	.0803	.0856	.0869
340.		.1097	.0908	.0908	.0904	.0911	.0935	.0945	.0987	.0971	.0943	.0943	.0974	.0988
350.			.1230	.1246	.1283		.1386	.1370	.1374	.1396	.1374	.1362	.1366	.1371
						FOR ALPHA = .50 DEG								
0.	.1922	.1954	.1977	.1910	.1915	.1955	.1997	.1998	.2023	.2012	.1984	.1986	.1976	.1996
10.			.0882	.0911	.0949		.1008	.1000	.1005	.1026	.1001	.0997	.0998	.1011
20.		.0804	.0622	.0633	.0597	.0650	.0657	.0651	.0673	.0664	.0638	.0636	.0669	.0691
30.				.0541	.0535	.0525	.0534	.0581	.0562	.0565	.0554	.0537	.0574	.0584
40.	.0732	.0652	.0531	.0513	.0514	.0527	.0529	.0524	.0536	.0553	.0532	.0513	.0537	.0560
60.			.0527		.0493	.0487	.0498	.0504	.0498	.0506	.0509	.0520	.0522	.0539
90.	.0707	.0653	.0538	.0539	.0502	.0502	.0505	.0502	.0489	.0487	.0466	.0494	.0520	.0529
120.			.0561		.0506	.0506	.0534	.0524	.0517	.0573	.0530	.0520	.0516	.0532
140.	.0779	.0704	.0568	.0535	.0544	.0543	.0557	.0545	.0561	.0619	.0535	.0527	.0551	.0566
150.				.0585	.0584	.0662	.0570	.0604	.0581	.0594	.0574	.0562	.0585	.0581
160.		.0871	.0660	.0662	.0688	.0990	.0717	.0707	.0717	.0823	.0673	.0670	.0693	.0719
170.			.0948	.1016	.1043		.1140	.1087	.1096	.1113	.1087	.1083	.1083	.1093
180.	.2093	.2124	.2141	.2098	.2083	.2137	.2162	.2153	.2182	.2168	.2142	.2146	.2135	.2155
190.			.1226	.1254	.1280		.1394	.1351	.1354	.1373	.1354	.1346	.1352	.1362
200.		.1108	.0905	.0902	.0950	.1143	.0937	.0950	.0977	.1065	.0934	.0933	.0962	.0983
210.				.0807	.0804	.0845	.0802	.0804	.0833	.0834	.0809	.0799	.0840	.0861
220.	.0988	.0920	.0774	.0746	.0742	.0737	.0769	.0761	.0780	.0810	.0781	.0760	.0776	.0802
240.			.0749		.0703	.0699	.0714	.0727	.0726	.0759	.0743	.0744	.0738	.0760
270.	.0932	.0877	.0737	.0738	.0706	.0702	.0704	.0692	.0666	.0674	.0691	.0734	.0758	.0756
300.			.0737		.0704	.0694	.0706	.0699	.0704	.0722	.0748	.0750	.0742	.0760
320.	.0946	.0883	.0751	.0735	.0720	.0743	.0752	.0750	.0755	.0770	.0765	.0751	.0772	.0796
330.				.0775	.0778	.0738	.0774	.0787	.0805	.0819	.0807	.0780	.0826	.0838
340.		.1047	.0878	.0890	.0879	.0860	.0910	.0925	.0941	.0933	.0904	.0896	.0923	.0946
350.			.1170	.1167	.1203		.1292	.1282	.1281	.1297	.1275	.1265	.1272	.1275

TABLE III. - CONTINUED

(N) MACH = 4.50, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -1.50 DEG								
0.	.2412	.2383	.2382	.2352	.2358	.2412	.2436	.2447	.2450	.2406	.2379	.2424	.2396	0.
10.	.1112	.1170	.1131	.1098	.1159	.1173	.1174	.1191	.1164	.1170	.1178	.1191	.1203	10.
20.	.0707	.0706	.0687	.0684	.0679	.0740	.0762	.0749	.0736	.0727	.0710	.0740	.0765	20.
30.	.0552	.0560	.0557	.0543	.0604	.0610	.0614	.0627	.0625	.0603	.0594	.0600	.0617	30.
40.	.0527		.0521	.0524	.0562	.0576	.0586	.0586	.0583	.0557	.0542	.0559	.0580	40.
60.	.0505	.0487	.0490	.0491	.0530	.0537	.0542	.0544	.0529	.0506	.0529	.0549	.0569	60.
90.	.0520	.0500	.0503	.0509	.0524	.0529	.0538	.0539	.0504	.0495	.0519	.0542	.0560	90.
120.	.0527	.0502	.0507	.0502	.0546	.0551	.0555	.0562	.0532	.0511	.0533	.0550	.0565	120.
140.	.0528		.0507	.0510	.0553	.0564	.0577	.0585	.0589	.0545	.0529	.0545	.0566	140.
150.	.0546	.0534	.0529	.0522	.0585	.0591	.0600	.0612	.0605	.0567	.0559	.0563	.0576	150.
160.	.0627	.0606	.0597	.0592	.0588	.0650	.0663	.0670	.0661	.0626	.0625	.0660	.0674	160.
170.	.0872	.0907	.0877	.0839	.0894	.0920	.0929	.0935	.0924	.0902	.0907	.0923	.0945	170.
180.	.1779	.1749	.1742	.1717	.1719	.1766	.1775	.1776	.1775	.1730	.1711	.1752	.1732	180.
190.	.1121	.1166	.1136	.1099	.1159	.1170	.1171	.1173	.1144	.1134	.1145	.1161	.1178	190.
200.	.0859	.0861	.0839	.0843	.0842	.0897	.0902	.0899	.0876	.0864	.0844	.0880	.0900	200.
210.	.0765	.0754	.0756	.0742	.0770	.0792	.0800	.0811	.0797	.0777	.0760	.0764	.0781	210.
220.	.0754		.0723	.0717	.0750	.0761	.0770	.0774	.0771	.0743	.0721	.0737	.0764	220.
240.	.0738	.0708	.0714	.0706	.0734	.0736	.0734	.0736	.0708	.0701	.0727	.0749	.0769	240.
270.	.0734	.0709	.0708	.0715	.0719	.0723	.0731	.0730	.0705	.0697	.0723	.0750	.0775	270.
300.	.0741	.0710	.0711	.0707	.0743	.0748	.0750	.0754	.0733	.0722	.0748	.0775	.0800	300.
320.	.0787		.0746	.0742	.0785	.0804	.0812	.0817	.0820	.0793	.0775	.0792	.0823	320.
330.	.0846	.0815	.0809	.0807	.0841	.0867	.0873	.0891	.0872	.0852	.0838	.0844	.0867	330.
340.	.0983	.0987	.0968	.0951	.0961	.1015	.1028	.1027	.1004	.1000	.0995	.1022	.1055	340.
350.	.1409	.1460	.1417	.1368	.1447	.1452	.1457	.1467	.1452	.1454	.1468	.1484	.1506	350.
						FOR ALPHA = -.50 DEG								
0.	.2204	.2174	.2175	.2153	.2159	.2221	.2239	.2246	.2241	.2191	.2166	.2210	.2184	0.
10.	.1029	.1082	.1048	.1016	.1073	.1090	.1093	.1105	.1089	.1087	.1088	.1102	.1113	10.
20.	.0676	.0675	.0657	.0662	.0664	.0706	.0716	.0716	.0698	.0691	.0686	.0711	.0731	20.
30.	.0555	.0543	.0557	.0543	.0585	.0599	.0610	.0618	.0609	.0592	.0584	.0587	.0602	30.
40.	.0536		.0518	.0516	.0550	.0564	.0574	.0584	.0580	.0554	.0540	.0552	.0575	40.
60.	.0512	.0495	.0500	.0500	.0530	.0533	.0534	.0539	.0529	.0507	.0531	.0548	.0566	60.
90.	.0520	.0504	.0506	.0512	.0516	.0519	.0526	.0528	.0505	.0496	.0520	.0543	.0559	90.
120.	.0529	.0505	.0506	.0501	.0526	.0531	.0534	.0540	.0533	.0515	.0538	.0556	.0572	120.
140.	.0541		.0515	.0515	.0540	.0555	.0565	.0575	.0577	.0556	.0540	.0554	.0575	140.
150.	.0549	.0539	.0556	.0549	.0570	.0582	.0592	.0606	.0598	.0582	.0574	.0578	.0592	150.
160.	.0651	.0645	.0632	.0618	.0628	.0662	.0671	.0677	.0664	.0654	.0659	.0687	.0695	160.
170.	.0952	.0992	.0959	.0921	.0971	.0980	.0983	.0992	.0975	.0974	.0988	.1003	.1018	170.
180.	.1966	.1939	.1935	.1906	.1904	.1943	.1953	.1952	.1951	.1911	.1891	.1936	.1916	180.
190.	.1208	.1261	.1227	.1184	.1247	.1258	.1261	.1262	.1232	.1222	.1231	.1245	.1265	190.
200.	.0904	.0894	.0893	.0889	.0887	.0946	.0953	.0939	.0927	.0896	.0887	.0920	.0938	200.
210.	.0790	.0782	.0780	.0765	.0796	.0827	.0833	.0844	.0828	.0802	.0787	.0786	.0800	210.
220.	.0764		.0731	.0732	.0769	.0779	.0789	.0796	.0794	.0762	.0741	.0758	.0780	220.
240.	.0743	.0717	.0720	.0714	.0746	.0748	.0746	.0748	.0713	.0707	.0734	.0757	.0777	240.
270.	.0738	.0714	.0713	.0718	.0729	.0731	.0737	.0736	.0704	.0694	.0721	.0750	.0774	270.
300.	.0738	.0714	.0716	.0711	.0750	.0751	.0752	.0755	.0729	.0712	.0740	.0765	.0787	300.
320.	.0771		.0742	.0739	.0782	.0792	.0802	.0811	.0813	.0780	.0763	.0782	.0808	320.
330.	.0815	.0808	.0798	.0781	.0835	.0849	.0861	.0876	.0860	.0829	.0817	.0822	.0842	330.
340.	.0947	.0930	.0933	.0935	.0927	.0988	.0993	.0996	.0986	.0953	.0961	.0997	.1012	340.
350.	.1312	.1356	.1323	.1282	.1354	.1366	.1376	.1388	.1368	.1361	.1370	.1382	.1402	350.
						FOR ALPHA = .50 DEG								
0.	.2007	.1981	.1982	.1962	.1971	.2028	.2048	.2045	.2039	.1990	.1966	.2007	.1985	0.
10.	.0950	.1000	.0969	.0934	.0987	.1011	.1017	.1028	.1012	.0993	.0998	.1012	.1024	10.
20.	.0643	.0647	.0628	.0617	.0622	.0671	.0695	.0687	.0676	.0655	.0654	.0687	.0696	20.
30.	.0542	.0538	.0546	.0543	.0574	.0586	.0600	.0611	.0600	.0575	.0566	.0572	.0588	30.
40.	.0540		.0513	.0512	.0538	.0553	.0566	.0575	.0575	.0545	.0530	.0543	.0566	40.
60.	.0526	.0500	.0501	.0500	.0524	.0531	.0533	.0538	.0521	.0500	.0523	.0541	.0558	60.
90.	.0523	.0506	.0506	.0511	.0521	.0524	.0531	.0535	.0500	.0493	.0518	.0541	.0560	90.
120.	.0521	.0503	.0505	.0501	.0540	.0543	.0547	.0554	.0532	.0516	.0542	.0562	.0580	120.
140.	.0545		.0521	.0520	.0560	.0575	.0586	.0598	.0601	.0560	.0548	.0563	.0584	140.
150.	.0562	.0555	.0567	.0544	.0589	.0606	.0621	.0632	.0623	.0595	.0589	.0592	.0609	150.
160.	.0682	.0686	.0665	.0657	.0654	.0701	.0721	.0718	.0706	.0686	.0679	.0706	.0721	160.
170.	.1030	.1083	.1044	.1003	.1055	.1072	.1072	.1084	.1068	.1052	.1060	.1082	.1105	170.
180.	.2163	.2135	.2132	.2101	.2098	.2140	.2147	.2148	.2145	.2096	.2075	.2123	.2105	180.
190.	.1292	.1348	.1315	.1268	.1339	.1341	.1343	.1346	.1319	.1308	.1318	.1330	.1352	190.
200.	.0937	.0930	.0931	.0930	.0918	.0972	.0972	.0978	.0958	.0931	.0927	.0963	.0973	200.
210.	.0812	.0804	.0799	.0779	.0812	.0841	.0848	.0862	.0845	.0821	.0802	.0805	.0819	210.
220.	.0768		.0738	.0738	.0770	.0787	.0793	.0803	.0801	.0775	.0753	.0771	.0793	220.
240.	.0738	.0712	.0715	.0711	.0739	.0743	.0740	.0746	.0715	.0712	.0737	.0760	.0781	240.
270.	.0733	.0709	.0709	.0715	.0720	.0723	.0730	.0730	.0700	.0693	.0720	.0746	.0770	270.
300.	.0739	.0715	.0716	.0708	.0739	.0739	.0740	.0743	.0718	.0705	.0734	.0754	.0777	300.
320.	.0765		.0727	.0727	.0762	.0773	.0784	.0793	.0795	.0762	.0747	.0763	.0791	320.
330.	.0795	.0777	.0776	.0762	.0799	.0823	.0833	.0847	.0836	.0809	.0797	.0802	.0821	330.
340.	.0902	.0891	.0881	.0885	.0885	.0947	.0963	.0956	.0943	.0922	.0915	.0961	.0974	340.
350.	.1222	.1263	.1233	.1191	.1260	.1275	.1288	.1298	.1275	.1265	.1277	.1289	.1306	350.

TABLE III. - CONTINUED

(N) MACH = 4.50, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 2.50 DEG							
0.	.1583	.1603	.1633	.1563	.1560	.1587	.1630	.1625	.1644	.1639	.1620	.1624	.1614	.1631
10.			.0771	.0784	.0799		.0854	.0841	.0844	.0857	.0843	.0836	.0842	.0851
20.		.0725	.0571	.0592	.0565	.0560	.0602	.0592	.0605	.0603	.0582	.0576	.0602	.0617
30.				.0507	.0509	.0499	.0525	.0509	.0532	.0541	.0516	.0500	.0555	.0561
40.	.0701	.0627	.0512	.0489	.0485	.0506	.0514	.0502	.0508	.0513	.0508	.0497	.0514	.0542
60.			.0511		.0478	.0473	.0487	.0479	.0473	.0475	.0479	.0509	.0521	.0537
90.	.0695	.0636	.0535	.0527	.0491	.0494	.0503	.0499	.0485	.0496	.0476	.0504	.0524	.0524
120.			.0561		.0507	.0523	.0536	.0529	.0530	.0572	.0518	.0517	.0515	.0534
140.	.0838	.0717	.0583	.0542	.0562	.0548	.0568	.0563	.0580	.0599	.0554	.0558	.0567	.0561
150.				.0657	.0615	.0636	.0643	.0614	.0603	.0620	.0608	.0575	.0612	.0623
160.		.0956	.0745	.0746	.0762	.1017	.0781	.0768	.0782	.0883	.0751	.0736	.0773	.0787
170.			.1090	.1155	.1219		.1310	.1264	.1280	.1295	.1273	.1267	.1269	.1280
180.	.2511	.2545	.2543	.2549	.2502	.2545	.2574	.2570	.2604	.2592	.2560	.2562	.2543	.2573
190.			.1368	.1450	.1470		.1586	.1545	.1554	.1571	.1553	.1546	.1550	.1560
200.		.1210	.0985	.0956	.1010	.1228	.1023	.1040	.1056	.1136	.1021	.1015	.1052	.1086
210.				.0846	.0829	.0885	.0820	.0846	.0850	.0882	.0865	.0842	.0882	.0900
220.	.1074	.0944	.0813	.0763	.0774	.0752	.0780	.0785	.0809	.0841	.0822	.0795	.0802	.0816
240.			.0757		.0726	.0721	.0735	.0729	.0744	.0780	.0749	.0749	.0746	.0762
270.	.0923	.0859	.0743	.0735	.0700	.0694	.0703	.0697	.0682	.0700	.0701	.0728	.0747	.0744
300.			.0730		.0694	.0683	.0692	.0673	.0657	.0666	.0704	.0742	.0746	.0760
320.	.0926	.0859	.0732	.0708	.0705	.0710	.0725	.0719	.0721	.0744	.0741	.0723	.0735	.0768
330.				.0735	.0720	.0727	.0733	.0740	.0754	.0764	.0758	.0732	.0772	.0789
340.		.0961	.0816	.0847	.0776	.0806	.0830	.0842	.0855	.0843	.0826	.0813	.0845	.0857
350.			.1043	.1052	.1038		.1113	.1102	.1102	.1116	.1096	.1089	.1097	.1101
							FOR ALPHA = 4.50 DEG							
0.	.1287	.1291	.1328	.1262	.1224	.1253	.1298	.1296	.1316	.1314	.1295	.1298	.1290	.1310
10.			.0678	.0670	.0674		.0717	.0701	.0705	.0721	.0705	.0697	.0706	.0710
20.		.0654	.0524	.0543	.0508	.0518	.0547	.0533	.0542	.0541	.0525	.0516	.0537	.0546
30.				.0482	.0471	.0467	.0498	.0483	.0487	.0500	.0500	.0475	.0506	.0522
40.	.0665	.0605	.0494	.0475	.0460	.0487	.0489	.0470	.0467	.0481	.0497	.0482	.0497	.0522
60.			.0497		.0458	.0461	.0475	.0465	.0457	.0463	.0474	.0494	.0496	.0516
90.	.0672	.0620	.0515	.0509	.0477	.0485	.0500	.0501	.0487	.0501	.0480	.0491	.0499	.0500
120.			.0550		.0516	.0516	.0536	.0525	.0534	.0574	.0522	.0512	.0512	.0528
140.	.0855	.0720	.0601	.0577	.0562	.0563	.0574	.0569	.0581	.0630	.0570	.0545	.0566	.0579
150.				.0683	.0664	.0701	.0652	.0636	.0641	.0648	.0640	.0607	.0653	.0660
160.		.1049	.0868	.0864	.0862	.1089	.0856	.0845	.0663	.0960	.0821	.0844	.0864	.0884
170.			.1263	.1402	.1411		.1500	.1458	.1463	.1489	.1475	.1468	.1470	.1481
180.	.2963	.3001	.2876	.3000	.2955	.2995	.3020	.3012	.3049	.3040	.3013	.3011	.2993	.3023
190.			.1528	.1644	.1700		.1784	.1754	.1760	.1788	.1769	.1765	.1771	.1779
200.		.1314	.1106	.1068	.1076	.1304	.1128	.1129	.1135	.1231	.1111	.1101	.1162	.1166
210.				.0935	.0893	.0905	.0889	.0884	.0894	.0909	.0907	.0887	.0944	.0953
220.	.1093	.0959	.0836	.0797	.0805	.0776	.0800	.0815	.0825	.0865	.0828	.0810	.0826	.0849
240.			.0751		.0741	.0729	.0742	.0737	.0749	.0791	.0760	.0754	.0748	.0766
270.	.0897	.0851	.0724	.0719	.0689	.0695	.0706	.0706	.0690	.0697	.0693	.0711	.0725	.0719
300.			.0715		.0669	.0667	.0683	.0674	.0660	.0674	.0701	.0712	.0708	.0726
320.	.0888	.0836	.0706	.0687	.0666	.0684	.0696	.0675	.0667	.0681	.0706	.0697	.0710	.0739
330.				.0695	.0679	.0673	.0716	.0708	.0698	.0690	.0682	.0684	.0736	.0752
340.		.0880	.0751	.0754	.0733	.0736	.0759	.0738	.0765	.0772	.0739	.0734	.0759	.0773
350.			.0912	.0939	.0878		.0950	.0943	.0944	.0958	.0938	.0929	.0935	.0942
							FOR ALPHA = 9.50 DEG							
0.	.0710	.0696	.0725	.0667	.0642	.0644	.0685	.0682	.0694	.0695	.0687	.0688	.0679	.0688
10.			.0449	.0441	.0431		.0469	.0451	.0455	.0462	.0455	.0452	.0457	.0461
20.		.0503	.0409	.0397	.0383	.0406	.0411	.0384	.0401	.0407	.0402	.0397	.0418	.0436
30.				.0390	.0375	.0372	.0406	.0387	.0387	.0398	.0395	.0386	.0415	.0431
40.	.0527	.0498	.0405	.0386	.0371	.0406	.0408	.0395	.0395	.0413	.0420	.0402	.0410	.0436
60.			.0420		.0369	.0391	.0417	.0407	.0412	.0412	.0422	.0428	.0422	.0436
90.	.0646	.0562	.0456	.0452	.0451	.0463	.0457	.0446	.0436	.0458	.0434	.0441	.0455	.0458
120.			.0542		.0528	.0517	.0507	.0514	.0530	.0560	.0486	.0521	.0507	.0527
140.	.0931	.0800	.0689	.0662	.0641	.0613	.0629	.0623	.0593	.0664	.0606	.0592	.0594	.0640
150.				.0735	.0731	.0809	.0763	.0739	.0742	.0771	.0744	.0729	.0788	.0796
160.		.1334	.1226	.1052	.1109	.1303	.1108	.1108	.1117	.1188	.1068	.1060	.1099	.1118
170.			.1806	.1914	.1935		.2027	.1984	.1991	.2014	.2010	.2011	.2025	.2029
180.	.4212	.4267	.4164	.4311	.4206	.4260	.4275	.4252	.4301	.4273	.4255	.4267	.4249	.4289
190.			.2056	.2247	.2267		.2357	.2317	.2324	.2357	.2348	.2346	.2359	.2372
200.		.1629	.1498	.1370	.1382	.1554	.1378	.1410	.1413	.1475	.1368	.1359	.1429	.1444
210.				.1011	.0996	.1052	.1025	.1004	.1037	.1038	.1042	.1003	.1055	.1066
220.	.1182	.1057	.0938	.0898	.0890	.0819	.0880	.0872	.0886	.0932	.0893	.0874	.0885	.0897
240.			.0754		.0750	.0717	.0738	.0751	.0761	.0791	.0769	.0771	.0778	.0794
270.	.0878	.0786	.0658	.0657	.0662	.0666	.0671	.0662	.0653	.0665	.0650	.0665	.0680	.0674
300.			.0625		.0568	.0593	.0605	.0621	.0602	.0613	.0617	.0618	.0610	.0624
320.	.0709	.0691	.0588	.0568	.0548	.0575	.0586	.0580	.0586	.0601	.0605	.0576	.0586	.0619
330.				.0568	.0544	.0537	.0573	.0561	.0563	.0577	.0575	.0559	.0593	.0616
340.		.0679	.0582	.0565	.0549	.0562	.0576	.0557	.0556	.0556	.0558	.0566	.0601	.0614
350.			.0612	.0593	.0580		.0625	.0604	.0613	.0633	.0619	.0609	.0610	.0616

TABLE III. - CONTINUED

(N) MACH = 4.50, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.	.1641	.1622	.1629	.1612	.1615	.1655	.1663	.1661	.1655	.1616	.1595	.1630	.1611	0.
10.	.0809	.0841	.0818	.0788	.0840	.0861	.0866	.0867	.0850	.0836	.0831	.0843	.0861	10.
20.	.0584	.0571	.0565	.0566	.0560	.0620	.0631	.0632	.0622	.0599	.0597	.0625	.0638	20.
30.	.0533	.0517	.0518	.0507	.0552	.0558	.0566	.0573	.0564	.0539	.0531	.0535	.0551	30.
40.	.0527		.0499	.0497	.0526	.0533	.0542	.0550	.0549	.0515	.0501	.0515	.0539	40.
60.	.0521	.0497	.0498	.0491	.0518	.0518	.0516	.0522	.0505	.0482	.0506	.0525	.0540	60.
90.	.0516	.0497	.0499	.0503	.0516	.0517	.0523	.0527	.0494	.0486	.0509	.0531	.0552	90.
120.	.0522	.0499	.0508	.0506	.0545	.0552	.0554	.0559	.0537	.0519	.0544	.0566	.0586	120.
140.	.0554		.0540	.0541	.0586	.0599	.0608	.0613	.0614	.0582	.0566	.0578	.0601	140.
150.	.0594	.0573	.0581	.0577	.0623	.0634	.0644	.0669	.0656	.0634	.0623	.0624	.0642	150.
160.	.0765	.0748	.0739	.0735	.0731	.0782	.0794	.0795	.0779	.0769	.0750	.0779	.0796	160.
170.	.1205	.1273	.1229	.1192	.1245	.1257	.1252	.1269	.1236	.1232	.1240	.1262	.1280	170.
180.	.2587	.2561	.2556	.2524	.2518	.2570	.2578	.2574	.2567	.2510	.2487	.2538	.2518	180.
190.	.1484	.1556	.1512	.1466	.1542	.1544	.1548	.1551	.1521	.1508	.1510	.1525	.1553	190.
200.	.1023	.1027	.1029	.1009	.1020	.1073	.1076	.1082	.1056	.1037	.1017	.1048	.1070	200.
210.	.0861	.0845	.0844	.0839	.0864	.0888	.0902	.0910	.0892	.0862	.0851	.0852	.0867	210.
220.	.0794		.0764	.0775	.0818	.0825	.0828	.0835	.0834	.0798	.0779	.0797	.0825	220.
240.	.0749	.0718	.0722	.0717	.0757	.0763	.0759	.0762	.0722	.0716	.0747	.0777	.0801	240.
270.	.0726	.0703	.0703	.0710	.0715	.0717	.0724	.0726	.0698	.0689	.0714	.0744	.0766	270.
300.	.0728	.0700	.0698	.0693	.0714	.0715	.0715	.0723	.0706	.0691	.0722	.0744	.0764	300.
320.	.0742		.0702	.0700	.0726	.0735	.0742	.0751	.0752	.0726	.0713	.0730	.0759	320.
330.	.0740	.0731	.0732	.0720	.0754	.0766	.0775	.0788	.0779	.0761	.0753	.0760	.0780	330.
340.	.0817	.0816	.0803	.0801	.0807	.0852	.0877	.0874	.0862	.0844	.0841	.0874	.0888	340.
350.	.1056	.1089	.1064	.1032	.1092	.1104	.1114	.1119	.1093	.1081	.1095	.1108	.1126	350.
						FOR ALPHA = 4.50 DEG								
0.	.1323	.1304	.1304	.1283	.1282	.1324	.1331	.1331	.1328	.1288	.1271	.1301	.1288	0.
10.	.0683	.0710	.0689	.0663	.0702	.0727	.0729	.0732	.0708	.0692	.0697	.0705	.0716	10.
20.	.0524	.0523	.0518	.0512	.0519	.0568	.0576	.0583	.0573	.0544	.0533	.0564	.0577	20.
30.	.0498	.0488	.0487	.0475	.0522	.0526	.0531	.0540	.0532	.0506	.0497	.0501	.0516	30.
40.	.0504		.0473	.0467	.0494	.0504	.0513	.0519	.0520	.0490	.0475	.0489	.0511	40.
60.	.0503	.0482	.0481	.0475	.0499	.0499	.0499	.0504	.0493	.0470	.0492	.0508	.0525	60.
90.	.0492	.0474	.0479	.0487	.0503	.0507	.0516	.0518	.0484	.0476	.0499	.0520	.0540	90.
120.	.0511	.0486	.0502	.0505	.0550	.0556	.0559	.0564	.0529	.0512	.0537	.0563	.0584	120.
140.	.0569		.0540	.0553	.0592	.0609	.0624	.0631	.0631	.0591	.0581	.0594	.0619	140.
150.	.0639	.0602	.0602	.0600	.0631	.0666	.0676	.0692	.0694	.0654	.0653	.0657	.0673	150.
160.	.0847	.0822	.0832	.0813	.0815	.0872	.0887	.0891	.0882	.0843	.0840	.0866	.0886	160.
170.	.1395	.1471	.1422	.1384	.1443	.1461	.1443	.1463	.1439	.1430	.1430	.1451	.1475	170.
180.	.3040	.3018	.3013	.2979	.2972	.3027	.3033	.3029	.3017	.2955	.2929	.2989	.2960	180.
190.	.1693	.1776	.1719	.1676	.1751	.1755	.1748	.1764	.1727	.1718	.1713	.1731	.1748	190.
200.	.1124	.1127	.1115	.1115	.1106	.1173	.1178	.1175	.1167	.1127	.1112	.1146	.1153	200.
210.	.0908	.0890	.0888	.0863	.0886	.0930	.0937	.0944	.0935	.0906	.0893	.0897	.0913	210.
220.	.0829		.0793	.0791	.0822	.0838	.0845	.0851	.0851	.0819	.0800	.0820	.0848	220.
240.	.0750	.0714	.0723	.0719	.0756	.0768	.0767	.0768	.0723	.0721	.0748	.0777	.0804	240.
270.	.0702	.0683	.0686	.0694	.0710	.0717	.0724	.0725	.0691	.0683	.0708	.0734	.0757	270.
300.	.0696	.0673	.0674	.0671	.0711	.0712	.0707	.0713	.0692	.0677	.0702	.0723	.0738	300.
320.	.0709		.0668	.0666	.0707	.0718	.0724	.0732	.0729	.0696	.0677	.0695	.0721	320.
330.	.0702	.0689	.0686	.0675	.0730	.0742	.0744	.0755	.0743	.0717	.0706	.0709	.0727	330.
340.	.0741	.0743	.0738	.0742	.0736	.0803	.0815	.0812	.0796	.0767	.0755	.0788	.0806	340.
350.	.0904	.0931	.0910	.0886	.0936	.0959	.0969	.0971	.0948	.0925	.0932	.0948	.0968	350.
						FOR ALPHA = 9.50 DEG								
0.	.0691	.0672	.0673	.0660	.0656	.0681	.0691	.0695	.0696	.0673	.0666	.0689	.0684	0.
10.	.0452	.0448	.0438	.0418	.0446	.0467	.0472	.0477	.0464	.0438	.0446	.0453	.0463	10.
20.	.0419	.0408	.0404	.0400	.0394	.0440	.0451	.0447	.0437	.0403	.0393	.0415	.0426	20.
30.	.0403	.0397	.0394	.0383	.0443	.0434	.0438	.0446	.0438	.0404	.0393	.0397	.0407	30.
40.	.0416		.0398	.0394	.0428	.0434	.0437	.0443	.0440	.0402	.0388	.0401	.0420	40.
60.	.0421	.0410	.0413	.0406	.0437	.0438	.0436	.0443	.0436	.0409	.0430	.0443	.0450	60.
90.	.0446	.0437	.0439	.0444	.0453	.0455	.0462	.0465	.0437	.0432	.0451	.0471	.0489	90.
120.	.0520	.0487	.0496	.0504	.0524	.0530	.0548	.0542	.0521	.0505	.0529	.0550	.0569	120.
140.	.0601		.0566	.0586	.0601	.0627	.0641	.0672	.0661	.0642	.0624	.0637	.0669	140.
150.	.0720	.0726	.0737	.0710	.0730	.0764	.0789	.0813	.0779	.0781	.0767	.0775	.0791	150.
160.	.1096	.1096	.1080	.1061	.1090	.1131	.1152	.1169	.1130	.1106	.1100	.1124	.1135	160.
170.	.1917	.2020	.1961	.1912	.1985	.1978	.1979	.1984	.1946	.1953	.1970	.1995	.2019	170.
180.	.4305	.4271	.4269	.4228	.4223	.4280	.4290	.4288	.4273	.4201	.4173	.4245	.4204	180.
190.	.2263	.2357	.2288	.2240	.2315	.2302	.2305	.2313	.2275	.2271	.2265	.2287	.2318	190.
200.	.1391	.1401	.1389	.1376	.1378	.1421	.1428	.1458	.1420	.1391	.1371	.1410	.1422	200.
210.	.1038	.0990	.1016	.0985	.1006	.1063	.1056	.1065	.1060	.1046	.1039	.1048	.1063	210.
220.	.0878		.0851	.0859	.0904	.0926	.0914	.0928	.0927	.0891	.0877	.0902	.0938	220.
240.	.0763	.0722	.0732	.0731	.0770	.0779	.0779	.0780	.0729	.0721	.0750	.0782	.0806	240.
270.	.0660	.0644	.0653	.0658	.0655	.0661	.0669	.0670	.0644	.0637	.0662	.0689	.0710	270.
300.	.0610	.0596	.0602	.0600	.0609	.0613	.0611	.0619	.0623	.0603	.0631	.0648	.0659	300.
320.	.0601		.0574	.0574	.0585	.0596	.0598	.0605	.0603	.0582	.0566	.0580	.0605	320.
330.	.0585	.0576	.0571	.0557	.0589	.0590	.0592	.0602	.0591	.0577	.0566	.0569	.0582	330.
340.	.0595	.0576	.0570	.0569	.0560	.0583	.0597	.0595	.0585	.0571	.0558	.0582	.0596	340.
350.	.0615	.0618	.0599	.0582	.0620	.0621	.0622	.0627	.0617	.0605	.0611	.0625	.0634	350.

TABLE III. - CONTINUED

(N) MACH = 4.50, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 14.50 DEG							
0.	.0424	.0388	.0366	.0327	.0311	.0309	.0328	.0323	.0326	.0329	.0323	.0323	.0320	.0326
10.			.0283	.0270	.0259		.0282	.0265	.0260	.0258	.0242	.0244	.0252	.0265
20.		.0344	.0286	.0261	.0248	.0283	.0287	.0268	.0284	.0278	.0254	.0252	.0268	.0278
30.				.0259	.0256	.0260	.0296	.0296	.0292	.0292	.0275	.0252	.0268	.0285
40.	.0432	.0360	.0291	.0276	.0260	.0320	.0339	.0308	.0290	.0299	.0291	.0280	.0289	.0315
60.			.0331		.0280	.0347	.0325	.0307	.0304	.0326	.0321	.0339	.0330	.0360
90.	.0603	.0502	.0401	.0413	.0414	.0400	.0394	.0400	.0383	.0383	.0400	.0400	.0402	.0412
120.			.0522		.0523	.0508	.0554	.0533	.0588	.0602	.0501	.0539	.0527	.0546
140.	.1039	.0871	.0763	.0721	.0701	.0704	.0707	.0764	.0755	.0792	.0716	.0693	.0741	.0693
150.				.0975	.0918	.0971	.0957	.0941	.0931	.0927	.0910	.0927	.0926	.0946
160.		.1656	.1515	.1352	.1384	.1569	.1398	.1394	.1401	.1473	.1361	.1334	.1388	.1395
170.			.2335	.2499	.2493		.2612	.2574	.2582	.2607	.2594	.2583	.2604	.2627
180.	.5602	.5655	.5315	.5782	.5671	.5719	.5734	.5688	.5731	.5674	.5630	.5633	.5629	.5692
190.			.2673	.2894	.2872		.2989	.2962	.2959	.2991	.2975	.2970	.2977	.2999
200.		.1965	.1830	.1643	.1707	.1846	.1716	.1726	.1736	.1761	.1681	.1659	.1718	.1734
210.				.1230	.1208	.1241	.1217	.1220	.1204	.1233	.1220	.1211	.1259	.1257
220.	.1290	.1130	.1034	.1019	.0962	.0954	.0977	.1017	.0992	.1020	.0966	.0949	.1006	.0995
240.			.0748		.0776	.0740	.0789	.0779	.0804	.0837	.0804	.0781	.0795	.0828
270.	.0837	.0728	.0611	.0633	.0656	.0625	.0616	.0625	.0614	.0611	.0605	.0643	.0640	.0636
300.			.0527		.0473	.0524	.0517	.0515	.0510	.0516	.0522	.0532	.0525	.0559
320.	.0605	.0526	.0452	.0437	.0420	.0489	.0502	.0483	.0467	.0468	.0462	.0445	.0447	.0473
330.				.0395	.0393	.0405	.0441	.0457	.0444	.0450	.0422	.0399	.0417	.0436
340.		.0457	.0392	.0383	.0362	.0388	.0405	.0404	.0423	.0398	.0377	.0384	.0405	.0405
350.			.0361	.0364	.0347		.0378	.0366	.0367	.0371	.0349	.0343	.0344	.0358
							FOR ALPHA = 19.50 DEG							
0.	.0277	.0236	.0207	.0168	.0164	.0156	.0165	.0158	.0151	.0154	.0149	.0150	.0155	.0163
10.			.0140	.0123	.0119		.0148	.0137	.0129	.0130	.0107	.0102	.0111	.0123
20.		.0177	.0134	.0108	.0104	.0143	.0171	.0137	.0129	.0120	.0092	.0092	.0111	.0122
30.				.0124	.0120	.0147	.0177	.0136	.0127	.0144	.0129	.0118	.0129	.0150
40.	.0312	.0231	.0172	.0134	.0138	.0247	.0193	.0164	.0171	.0186	.0166	.0163	.0182	.0198
60.			.0259		.0295	.0251	.0250	.0247	.0230	.0265	.0279	.0273	.0262	.0272
90.	.0613	.0502	.0388	.0436	.0423	.0402	.0420	.0383	.0427	.0445	.0407	.0423	.0410	.0441
120.			.0660		.0610	.0608	.0601	.0642	.0655	.0685	.0638	.0667	.0621	.0675
140.	.1192	.1031	.0899	.0874	.0854	.0792	.0887	.0884	.0884	.0899	.0862	.0884	.0868	.0893
150.				.1106	.1104	.1182	.1138	.1145	.1119	.1136	.1162	.1131	.1175	.1198
160.		.1991	.1754	.1656	.1642	.1853	.1707	.1719	.1741	.1786	.1687	.1660	.1724	.1726
170.			.2731	.3075	.3114		.3250	.3224	.3239	.3277	.3260	.3253	.3264	.3276
180.	.7156	.7155	.7087	.7283	.7228	.7340	.7346	.7315	.7371	.7280	.7202	.7205	.7165	.7208
190.			.3188	.3491	.3523		.3673	.3650	.3670	.3703	.3668	.3670	.3663	.3672
200.		.2325	.2080	.2008	.1979	.2171	.2046	.2066	.2092	.2131	.2026	.2008	.2064	.2067
210.				.1429	.1402	.1450	.1432	.1433	.1410	.1459	.1428	.1416	.1492	.1481
220.	.1447	.1291	.1153	.1132	.1118	.1046	.1173	.1150	.1183	.1165	.1176	.1155	.1141	.1130
240.			.0875		.0858	.0838	.0831	.0898	.0912	.0895	.0858	.0877	.0889	.0931
270.	.0841	.0725	.0594	.0640	.0658	.0624	.0633	.0598	.0651	.0663	.0613	.0635	.0639	.0647
300.			.0453		.0459	.0454	.0455	.0438	.0421	.0449	.0480	.0498	.0464	.0480
320.	.0471	.0390	.0331	.0290	.0294	.0385	.0356	.0313	.0337	.0337	.0338	.0325	.0344	.0354
330.				.0239	.0233	.0255	.0305	.0264	.0249	.0282	.0248	.0240	.0259	.0274
340.		.0246	.0208	.0173	.0179	.0202	.0251	.0221	.0216	.0200	.0173	.0175	.0195	.0196
350.			.0162	.0144	.0136		.0177	.0154	.0148	.0169	.0136	.0131	.0136	.0145

TABLE III. - CONTINUED

(N) MACH = 4.50, BETA = .99 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 14.50 DEG								
0.	.0327	.0308	.0319	.0314	.0319	.0353	.0361	.0359	.0359	.0331	.0323	.0334	.0333	0.
10.	.0287	.0268	.0260	.0245	.0276	.0303	.0312	.0313	.0312	.0272	.0277	.0285	.0294	10.
20.	.0265	.0255	.0256	.0255	.0253	.0301	.0311	.0307	.0302	.0260	.0254	.0271	.0284	20.
30.	.0269	.0268	.0263	.0255	.0329	.0301	.0306	.0311	.0306	.0265	.0261	.0264	.0280	30.
40.	.0295		.0272	.0268	.0311	.0317	.0319	.0318	.0316	.0268	.0261	.0272	.0294	40.
60.	.0338	.0326	.0314	.0310	.0344	.0346	.0346	.0352	.0346	.0305	.0327	.0339	.0353	60.
90.	.0385	.0369	.0375	.0384	.0406	.0408	.0420	.0424	.0385	.0381	.0407	.0423	.0441	90.
120.	.0533	.0489	.0502	.0526	.0556	.0579	.0574	.0578	.0542	.0528	.0547	.0575	.0589	120.
140.	.0694		.0663	.0680	.0726	.0730	.0750	.0762	.0773	.0734	.0723	.0744	.0770	140.
150.	.0929	.0883	.0902	.0873	.0896	.0927	.0947	.0957	.0965	.0929	.0937	.0929	.0956	150.
160.	.1368	.1393	.1394	.1369	.1371	.1434	.1457	.1441	.1433	.1398	.1379	.1390	.1425	160.
170.	.2499	.2625	.2541	.2506	.2576	.2559	.2561	.2558	.2528	.2521	.2530	.2550	.2568	170.
180.	.5716	.5668	.5654	.5609	.5627	.5694	.5704	.5706	.5691	.5606	.5569	.5665	.5602	180.
190.	.2876	.2987	.2901	.2849	.2927	.2901	.2902	.2905	.2872	.2864	.2870	.2896	.2919	190.
200.	.1681	.1722	.1704	.1677	.1671	.1736	.1765	.1767	.1717	.1717	.1688	.1715	.1757	200.
210.	.1219	.1154	.1162	.1153	.1134	.1226	.1219	.1222	.1227	.1215	.1209	.1214	.1230	210.
220.	.0927		.0949	.0928	.0992	.1020	.1007	.1026	.1025	.0995	.0992	.1018	.1059	220.
240.	.0801	.0756	.0767	.0755	.0824	.0817	.0823	.0816	.0770	.0759	.0789	.0818	.0860	240.
270.	.0617	.0601	.0607	.0609	.0618	.0629	.0632	.0637	.0607	.0600	.0622	.0649	.0669	270.
300.	.0543	.0528	.0522	.0520	.0533	.0532	.0529	.0537	.0539	.0504	.0529	.0540	.0550	300.
320.	.0458		.0438	.0433	.0460	.0474	.0479	.0479	.0473	.0441	.0428	.0439	.0460	320.
330.	.0413	.0408	.0404	.0393	.0449	.0432	.0440	.0445	.0436	.0412	.0407	.0408	.0424	330.
340.	.0381	.0369	.0369	.0372	.0372	.0401	.0414	.0411	.0406	.0384	.0379	.0393	.0407	340.
350.	.0372	.0366	.0356	.0344	.0382	.0386	.0393	.0389	.0386	.0364	.0367	.0374	.0385	350.
						FOR ALPHA = 19.50 DEG								
0.	.0166	.0153	.0159	.0152	.0150	.0179	.0187	.0191	.0193	.0172	.0165	.0171	.0170	0.
10.	.0153	.0126	.0120	.0108	.0131	.0154	.0165	.0171	.0170	.0136	.0138	.0143	.0149	10.
20.	.0103	.0095	.0098	.0098	.0098	.0133	.0152	.0150	.0145	.0111	.0108	.0120	.0128	20.
30.	.0125	.0120	.0108	.0090	.0171	.0134	.0146	.0153	.0152	.0118	.0114	.0116	.0131	30.
40.	.0161		.0138	.0132	.0165	.0178	.0187	.0188	.0195	.0160	.0145	.0153	.0169	40.
60.	.0257	.0251	.0234	.0226	.0272	.0287	.0285	.0299	.0302	.0265	.0276	.0289	.0297	60.
90.	.0387	.0392	.0386	.0412	.0416	.0421	.0434	.0445	.0409	.0398	.0417	.0434	.0456	90.
120.	.0624	.0607	.0601	.0608	.0642	.0644	.0648	.0633	.0604	.0588	.0614	.0645	.0661	120.
140.	.0869		.0829	.0833	.0819	.0878	.0857	.0874	.0864	.0850	.0851	.0881	.0897	140.
150.	.1112	.1098	.1093	.1053	.1080	.1134	.1119	.1164	.1124	.1099	.1102	.1099	.1130	150.
160.	.1690	.1687	.1688	.1690	.1686	.1768	.1777	.1742	.1728	.1706	.1675	.1696	.1704	160.
170.	.3122	.3261	.3154	.3117	.3190	.3162	.3160	.3183	.3131	.3110	.3125	.3136	.3151	170.
180.	.7217	.7178	.7168	.7143	.7163	.7234	.7256	.7283	.7260	.7176	.7142	.7224	.7127	180.
190.	.3527	.3654	.3550	.3498	.3591	.3531	.3528	.3556	.3526	.3525	.3535	.3567	.3581	190.
200.	.1992	.2027	.2023	.2003	.2011	.2053	.2109	.2072	.2066	.2046	.2048	.2102	.2080	200.
210.	.1404	.1382	.1335	.1311	.1365	.1377	.1402	.1424	.1424	.1419	.1411	.1428	.1448	210.
220.	.1132		.1061	.1086	.1130	.1127	.1129	.1127	.1143	.1134	.1120	.1156	.1186	220.
240.	.0845	.0827	.0850	.0844	.0874	.0879	.0897	.0894	.0839	.0844	.0859	.0902	.0931	240.
270.	.0626	.0614	.0614	.0621	.0640	.0649	.0650	.0656	.0627	.0625	.0646	.0668	.0683	270.
300.	.0465	.0462	.0453	.0447	.0473	.0474	.0473	.0483	.0486	.0449	.0472	.0484	.0490	300.
320.	.0349		.0317	.0308	.0345	.0349	.0347	.0351	.0350	.0311	.0297	.0311	.0329	320.
330.	.0246	.0250	.0259	.0242	.0310	.0272	.0275	.0282	.0278	.0246	.0239	.0242	.0251	330.
340.	.0176	.0166	.0172	.0175	.0176	.0216	.0229	.0231	.0220	.0189	.0183	.0196	.0203	340.
350.	.0172	.0143	.0140	.0132	.0154	.0176	.0182	.0183	.0182	.0160	.0162	.0170	.0177	350.

TABLE III. - CONTINUED

(D) MACH = 4.50, BETA = 2.99 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -1.50 DEG								
0.	.2312	.2347	.2361	.2317	.2317	.2342	.2379	.2378	.2409	.2399	.2378	.2377	.2357	.2378
10.			.0804	.0854	.0880		.0927	.0909	.0917	.0938	.0923	.0919	.0919	.0933
20.		.0657	.0476	.0505	.0468	.0474	.0481	.0470	.0486	.0474	.0463	.0467	.0491	.0510
30.				.0390	.0344	.0343	.0377	.0378	.0372	.0369	.0363	.0345	.0375	.0400
40.	.0600	.0464	.0353	.0333	.0328	.0346	.0352	.0347	.0337	.0353	.0349	.0339	.0349	.0351
60.			.0350		.0319	.0326	.0341	.0338	.0330	.0331	.0328	.0337	.0334	.0345
90.	.0519	.0462	.0361	.0364	.0329	.0342	.0342	.0335	.0330	.0350	.0321	.0339	.0356	.0362
120.			.0388		.0336	.0359	.0361	.0350	.0354	.0381	.0346	.0363	.0370	.0389
140.	.0573	.0508	.0376	.0353	.0357	.0403	.0379	.0355	.0347	.0414	.0365	.0366	.0369	.0383
150.				.0382	.0398	.0449	.0387	.0367	.0396	.0389	.0356	.0343	.0385	.0385
160.		.0604	.0403	.0427	.0452	.0587	.0451	.0450	.0446	.0562	.0406	.0404	.0426	.0438
170.			.0617	.0703	.0700		.0817	.0696	.0701	.0715	.0690	.0688	.0695	.0701
180.	.1736	.1741	.1776	.1732	.1710	.1754	.1778	.1763	.1786	.1779	.1751	.1748	.1734	.1750
190.			.1375	.1410	.1406		.1500	.1462	.1460	.1470	.1441	.1427	.1433	.1437
200.		.1267	.1104	.1126	.1119	.1330	.1164	.1152	.1171	.1251	.1125	.1112	.1158	.1167
210.				.1027	.1013	.1061	.1026	.1048	.1044	.1058	.1048	.1002	.1051	.1070
220.	.1186	.1148	.0981	.0971	.0974	.0961	.0992	.0996	.1025	.1056	.1025	.0990	.0995	.1022
240.			.0978		.0947	.0937	.0946	.0931	.0947	.1002	.1005	.1005	.0990	.1005
270.	.1201	.1138	.0978	.0981	.0960	.0949	.0950	.0936	.0926	.0948	.0963	.0995	.1014	.1003
300.			.0992		.0961	.0950	.0985	.0985	.0988	.0997	.1015	.1008	.0998	.1017
320.	.1318	.1187	.1047	.1030	.0991	.1021	.1042	.1058	.1060	.1072	.1072	.1047	.1062	.1086
330.				.1086	.1083	.1057	.1101	.1119	.1120	.1143	.1143	.1103	.1167	.1171
340.		.1448	.1246	.1225	.1248	.1234	.1276	.1284	.1336	.1313	.1283	.1283	.1320	.1342
350.			.1641	.1627	.1680		.1789	.1766	.1774	.1797	.1776	.1762	.1767	.1769
						FOR ALPHA = -.50 DEG								
0.	.2104	.2139	.2158	.2099	.2108	.2140	.2179	.2176	.2204	.2189	.2169	.2166	.2151	.2167
10.			.0724	.0783	.0808		.0846	.0828	.0840	.0856	.0838	.0831	.0834	.0851
20.		.0622	.0435	.0472	.0439	.0441	.0447	.0447	.0465	.0447	.0436	.0436	.0460	.0468
30.				.0373	.0339	.0322	.0368	.0368	.0356	.0367	.0359	.0344	.0366	.0382
40.	.0578	.0462	.0351	.0333	.0326	.0363	.0352	.0345	.0336	.0363	.0347	.0338	.0346	.0361
60.			.0352		.0321	.0327	.0339	.0330	.0328	.0337	.0334	.0335	.0337	.0352
90.	.0521	.0467	.0358	.0369	.0332	.0346	.0344	.0337	.0331	.0348	.0317	.0331	.0346	.0354
120.			.0387		.0337	.0359	.0367	.0355	.0355	.0383	.0362	.0363	.0361	.0378
140.	.0589	.0515	.0379	.0355	.0357	.0396	.0384	.0359	.0370	.0428	.0379	.0359	.0370	.0383
150.				.0389	.0393	.0443	.0399	.0379	.0405	.0407	.0365	.0354	.0380	.0385
160.		.0633	.0424	.0447	.0475	.0602	.0464	.0470	.0471	.0580	.0433	.0422	.0450	.0460
170.			.0670	.0761	.0762		.0885	.0771	.0774	.0792	.0766	.0763	.0766	.0781
180.	.1915	.1925	.1950	.1910	.1896	.1946	.1973	.1958	.1982	.1967	.1938	.1938	.1924	.1940
190.			.1467	.1486	.1514		.1603	.1570	.1565	.1574	.1545	.1529	.1539	.1539
200.		.1329	.1154	.1166	.1160	.1356	.1202	.1205	.1230	.1299	.1186	.1163	.1208	.1217
210.				.1051	.1036	.1086	.1071	.1083	.1086	.1096	.1078	.1036	.1085	.1100
220.	.1206	.1174	.0989	.0996	.0981	.0975	.1028	.1021	.1050	.1065	.1042	.1010	.1018	.1046
240.			.0991		.0957	.0945	.0952	.0948	.0974	.1021	.1019	.1012	.0993	.1010
270.	.1207	.1151	.0981	.0987	.0961	.0945	.0942	.0923	.0917	.0951	.0965	.0998	.1020	.1010
300.			.0987		.0957	.0932	.0971	.0972	.0969	.0989	.1013	.1007	.0996	.1015
320.	.1247	.1169	.1011	.1008	.0981	.0992	.1028	.1042	.1044	.1053	.1057	.1030	.1044	.1070
330.				.1063	.1056	.1026	.1076	.1090	.1099	.1112	.1110	.1078	.1133	.1135
340.		.1383	.1201	.1178	.1200	.1196	.1224	.1254	.1271	.1270	.1240	.1230	.1271	.1286
350.			.1555	.1534	.1584		.1681	.1665	.1668	.1689	.1670	.1653	.1655	.1656
						FOR ALPHA = .50 DEG								
0.	.1911	.1944	.1967	.1900	.1914	.1946	.1986	.1981	.2006	.1991	.1963	.1964	.1953	.1974
10.			.0661	.0714	.0738		.0767	.0753	.0760	.0777	.0756	.0750	.0755	.0769
20.		.0591	.0408	.0433	.0396	.0418	.0422	.0426	.0445	.0427	.0414	.0404	.0429	.0436
30.				.0352	.0340	.0328	.0364	.0350	.0352	.0365	.0345	.0332	.0356	.0366
40.	.0556	.0460	.0349	.0334	.0326	.0357	.0353	.0329	.0327	.0345	.0353	.0338	.0352	.0360
60.			.0351		.0322	.0322	.0337	.0327	.0324	.0333	.0341	.0343	.0340	.0354
90.	.0522	.0468	.0363	.0370	.0332	.0345	.0346	.0338	.0332	.0349	.0316	.0328	.0342	.0351
120.			.0389		.0338	.0363	.0368	.0360	.0365	.0389	.0352	.0356	.0356	.0372
140.	.0616	.0519	.0383	.0357	.0361	.0389	.0394	.0381	.0374	.0418	.0369	.0367	.0372	.0384
150.				.0413	.0395	.0426	.0407	.0398	.0395	.0410	.0381	.0370	.0389	.0407
160.		.0665	.0452	.0486	.0516	.0617	.0476	.0483	.0494	.0597	.0459	.0454	.0476	.0480
170.			.0734	.0827	.0827		.0951	.0845	.0853	.0872	.0850	.0844	.0844	.0862
180.	.2108	.2121	.2141	.2106	.2085	.2138	.2168	.2157	.2181	.2168	.2136	.2133	.2116	.2136
190.			.1546	.1552	.1589		.1704	.1667	.1664	.1680	.1653	.1634	.1637	.1642
200.		.1390	.1198	.1189	.1245	.1410	.1249	.1259	.1269	.1361	.1232	.1217	.1258	.1270
210.				.1080	.1083	.1104	.1095	.1102	.1110	.1120	.1107	.1070	.1121	.1126
220.	.1246	.1188	.1016	.1012	.0986	.1002	.1044	.1051	.1058	.1082	.1056	.1025	.1035	.1062
240.			.1000		.0961	.0940	.0982	.0982	.0985	.1024	.1014	.1005	.0992	.1011
270.	.1209	.1151	.0987	.0987	.0962	.0946	.0943	.0926	.0919	.0954	.0968	.0999	.1019	.1010
300.			.0977		.0956	.0935	.0941	.0942	.0962	.0990	.1013	.1011	.0997	.1016
320.	.1213	.1159	.0986	.0994	.0965	.0969	.1018	.1010	.1028	.1038	.1043	.1015	.1026	.1057
330.				.1038	.1009	.0998	.1058	.1071	.1073	.1089	.1083	.1042	.1096	.1113
340.		.1329	.1165	.1169	.1121	.1134	.1182	.1195	.1230	.1211	.1191	.1174	.1217	.1227
350.			.1481	.1482	.1496		.1580	.1572	.1568	.1586	.1558	.1544	.1551	.1554

TABLE III. - CONTINUED

(D) MACH = 4.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -1.50 DEG								
0.	.2388	.2363	.2367	.2346	.2350	.2398	.2420	.2434	.2433	.2393	.2365	.2408	.2380	0.
10.	.0863	.0923	.0887	.0862	.0906	.0910	.0906	.0936	.0915	.0913	.0905	.0932	.0934	10.
20.	.0472	.0484	.0462	.0453	.0467	.0470	.0498	.0489	.0493	.0481	.0472	.0500	.0508	20.
30.	.0351	.0340	.0347	.0343	.0370	.0367	.0375	.0398	.0390	.0385	.0380	.0382	.0400	30.
40.	.0339		.0331	.0333	.0349	.0363	.0369	.0372	.0373	.0360	.0350	.0363	.0384	40.
60.	.0336	.0320	.0324	.0319	.0337	.0342	.0346	.0352	.0361	.0327	.0350	.0371	.0388	60.
90.	.0352	.0340	.0340	.0338	.0339	.0341	.0345	.0345	.0326	.0316	.0333	.0351	.0367	90.
120.	.0369	.0348	.0345	.0335	.0358	.0354	.0351	.0352	.0361	.0316	.0332	.0346	.0359	120.
140.	.0358		.0337	.0335	.0363	.0367	.0372	.0376	.0373	.0344	.0330	.0337	.0358	140.
150.	.0359	.0352	.0343	.0341	.0393	.0374	.0385	.0399	.0385	.0361	.0351	.0349	.0364	150.
160.	.0398	.0406	.0380	.0379	.0379	.0405	.0431	.0416	.0417	.0396	.0397	.0410	.0419	160.
170.	.0643	.0682	.0661	.0624	.0669	.0687	.0681	.0687	.0683	.0678	.0655	.0675	.0687	170.
180.	.1756	.1728	.1728	.1704	.1703	.1743	.1756	.1756	.1756	.1722	.1697	.1735	.1715	180.
190.	.1392	.1431	.1394	.1359	.1429	.1433	.1446	.1447	.1419	.1406	.1415	.1432	.1456	190.
200.	.1136	.1132	.1129	.1112	.1119	.1165	.1178	.1176	.1154	.1131	.1113	.1157	.1175	200.
210.	.1021	.1006	.1005	.0992	.1022	.1054	.1059	.1071	.1052	.1034	.1020	.1024	.1042	210.
220.	.1006		.0964	.0964	.0998	.1012	.1021	.1030	.1024	.0997	.0972	.0990	.1017	220.
240.	.0984	.0946	.0955	.0948	.0982	.0985	.0983	.0987	.0951	.0950	.0981	.1005	.1023	240.
270.	.0983	.0950	.0955	.0963	.0967	.0970	.0983	.0980	.0950	.0937	.0968	.0999	.1025	270.
300.	.0996	.0961	.0968	.0966	.1001	.1006	.1012	.1016	.0973	.0966	.0996	.1023	.1051	300.
320.	.1057		.1011	.1017	.1052	.1065	.1081	.1092	.1092	.1058	.1032	.1058	.1086	320.
330.	.1112	.1100	.1095	.1076	.1117	.1151	.1160	.1172	.1152	.1130	.1110	.1119	.1137	330.
340.	.1295	.1270	.1278	.1264	.1259	.1321	.1343	.1347	.1325	.1306	.1296	.1337	.1345	340.
350.	.1710	.1756	.1712	.1666	.1761	.1760	.1771	.1788	.1762	.1763	.1772	.1785	.1811	350.
						FOR ALPHA = -.50 DEG								
0.	.2185	.2153	.2154	.2133	.2141	.2205	.2226	.2230	.2225	.2177	.2149	.2191	.2165	0.
10.	.0775	.0823	.0798	.0772	.0815	.0836	.0844	.0863	.0822	.0823	.0833	.0853	.0842	10.
20.	.0444	.0424	.0410	.0421	.0402	.0462	.0473	.0475	.0470	.0451	.0441	.0465	.0480	20.
30.	.0344	.0325	.0333	.0327	.0378	.0371	.0389	.0401	.0399	.0375	.0368	.0377	.0390	30.
40.	.0337		.0322	.0320	.0358	.0365	.0372	.0381	.0383	.0355	.0345	.0360	.0379	40.
60.	.0331	.0313	.0313	.0316	.0348	.0349	.0353	.0358	.0357	.0323	.0345	.0365	.0382	60.
90.	.0344	.0336	.0333	.0337	.0344	.0346	.0350	.0349	.0324	.0316	.0333	.0355	.0370	90.
120.	.0360	.0343	.0340	.0334	.0358	.0361	.0360	.0362	.0367	.0323	.0338	.0354	.0365	120.
140.	.0354		.0340	.0335	.0364	.0373	.0380	.0384	.0381	.0352	.0338	.0346	.0362	140.
150.	.0360	.0346	.0350	.0345	.0391	.0384	.0400	.0405	.0395	.0367	.0360	.0360	.0370	150.
160.	.0427	.0423	.0425	.0401	.0406	.0437	.0453	.0454	.0438	.0423	.0420	.0422	.0444	160.
170.	.0711	.0751	.0734	.0698	.0734	.0759	.0756	.0756	.0747	.0751	.0739	.0737	.0756	170.
180.	.1947	.1912	.1912	.1890	.1886	.1934	.1945	.1947	.1945	.1901	.1882	.1922	.1902	180.
190.	.1481	.1526	.1484	.1447	.1522	.1536	.1546	.1552	.1524	.1503	.1513	.1531	.1549	190.
200.	.1178	.1173	.1161	.1167	.1153	.1223	.1231	.1241	.1214	.1183	.1167	.1215	.1225	200.
210.	.1038	.1021	.1024	.1011	.1048	.1086	.1092	.1103	.1090	.1061	.1048	.1054	.1074	210.
220.	.1015		.0972	.0971	.1013	.1032	.1045	.1052	.1053	.1016	.0994	.1014	.1045	220.
240.	.0982	.0949	.0957	.0949	.0988	.0995	.0995	.1000	.0958	.0959	.0992	.1013	.1035	240.
270.	.0981	.0948	.0952	.0961	.0972	.0978	.0985	.0983	.0948	.0937	.0967	.0998	.1026	270.
300.	.0987	.0954	.0961	.0956	.0999	.1004	.1000	.1003	.0960	.0953	.0984	.1012	.1036	300.
320.	.1037		.0990	.0990	.1034	.1049	.1060	.1071	.1069	.1031	.1007	.1030	.1060	320.
330.	.1082	.1060	.1052	.1035	.1083	.1122	.1128	.1136	.1116	.1090	.1078	.1087	.1107	330.
340.	.1230	.1229	.1206	.1209	.1206	.1276	.1299	.1296	.1276	.1253	.1240	.1287	.1299	340.
350.	.1600	.1642	.1600	.1561	.1648	.1665	.1681	.1691	.1663	.1653	.1662	.1673	.1694	350.
						FOR ALPHA = .50 DEG								
0.	.1990	.1963	.1967	.1951	.1958	.2015	.2030	.2028	.2021	.1973	.1949	.1989	.1963	0.
10.	.0699	.0745	.0724	.0703	.0742	.0764	.0773	.0778	.0743	.0751	.0764	.0768	.0764	10.
20.	.0408	.0401	.0404	.0404	.0392	.0447	.0438	.0455	.0436	.0434	.0421	.0447	.0456	20.
30.	.0338	.0325	.0334	.0334	.0382	.0381	.0389	.0404	.0392	.0376	.0371	.0377	.0389	30.
40.	.0336		.0325	.0325	.0353	.0365	.0372	.0376	.0379	.0360	.0348	.0366	.0383	40.
60.	.0338	.0323	.0326	.0323	.0347	.0353	.0353	.0356	.0361	.0329	.0349	.0369	.0387	60.
90.	.0346	.0338	.0338	.0343	.0349	.0352	.0355	.0354	.0329	.0320	.0339	.0357	.0374	90.
120.	.0358	.0342	.0342	.0341	.0371	.0372	.0368	.0371	.0368	.0325	.0341	.0354	.0368	120.
140.	.0367		.0345	.0345	.0378	.0387	.0391	.0393	.0394	.0355	.0340	.0347	.0364	140.
150.	.0377	.0356	.0356	.0347	.0404	.0399	.0405	.0418	.0406	.0376	.0364	.0365	.0377	150.
160.	.0469	.0454	.0443	.0451	.0428	.0481	.0484	.0479	.0471	.0450	.0431	.0456	.0465	160.
170.	.0798	.0841	.0816	.0780	.0821	.0840	.0842	.0846	.0816	.0814	.0828	.0830	.0830	170.
180.	.2146	.2116	.2113	.2087	.2088	.2133	.2142	.2142	.2145	.2096	.2073	.2121	.2100	180.
190.	.1587	.1633	.1591	.1552	.1629	.1636	.1643	.1649	.1623	.1609	.1617	.1634	.1658	190.
200.	.1225	.1229	.1207	.1208	.1207	.1267	.1289	.1286	.1267	.1244	.1225	.1269	.1282	200.
210.	.1075	.1056	.1052	.1039	.1073	.1116	.1123	.1136	.1121	.1098	.1084	.1089	.1108	210.
220.	.1036		.0992	.0992	.1028	.1046	.1060	.1077	.1079	.1044	.1020	.1044	.1073	220.
240.	.0988	.0956	.0963	.0961	.0995	.1002	.1001	.1008	.0966	.0967	.1001	.1031	.1054	240.
270.	.0988	.0956	.0959	.0968	.0974	.0979	.0987	.0984	.0948	.0938	.0968	.1001	.1029	270.
300.	.0994	.0961	.0967	.0961	.1000	.1002	.0996	.0996	.0954	.0950	.0980	.1002	.1026	300.
320.	.1031		.0987	.0985	.1027	.1041	.1048	.1051	.1049	.1012	.0987	.1011	.1043	320.
330.	.1055	.1038	.1036	.1024	.1067	.1095	.1101	.1109	.1091	.1064	.1052	.1059	.1083	330.
340.	.1192	.1191	.1172	.1179	.1169	.1233	.1250	.1255	.1228	.1203	.1190	.1241	.1252	340.
350.	.1508	.1552	.1515	.1477	.1558	.1575	.1590	.1595	.1567	.1546	.1558	.1571	.1586	350.

TABLE III. - CONTINUED

(D) MACH = 4.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 2.50 DEG							
0.	.1565	.1586	.1619	.1543	.1546	.1572	.1610	.1604	.1621	.1614	.1592	.1598	.1592	.1610
10.			.0555	.0585	.0606		.0620	.0608	.0614	.0626	.0603	.0603	.0610	.0618
20.		.0529	.0368	.0388	.0349	.0382	.0395	.0390	.0391	.0389	.0362	.0363	.0379	.0392
30.				.0333	.0333	.0317	.0340	.0328	.0331	.0347	.0332	.0314	.0348	.0375
40.	.0526	.0444	.0340	.0323	.0317	.0344	.0342	.0313	.0312	.0334	.0337	.0334	.0345	.0363
60.			.0343		.0313	.0310	.0323	.0315	.0309	.0324	.0320	.0335	.0340	.0355
90.	.0511	.0455	.0354	.0359	.0324	.0338	.0340	.0335	.0326	.0344	.0314	.0332	.0349	.0351
120.			.0385		.0342	.0370	.0369	.0362	.0355	.0378	.0350	.0348	.0349	.0364
140.	.0649	.0524	.0385	.0365	.0363	.0399	.0382	.0367	.0380	.0411	.0369	.0362	.0359	.0375
150.				.0444	.0424	.0476	.0406	.0401	.0410	.0416	.0391	.0376	.0411	.0428
160.		.0736	.0542	.0552	.0572	.0681	.0543	.0533	.0545	.0646	.0518	.0514	.0538	.0553
170.			.0897	.0974	.0973		.1104	.1004	.1022	.1038	.1023	.1019	.1020	.1033
180.	.2520	.2540	.2544	.2555	.2507	.2542	.2569	.2568	.2606	.2594	.2565	.2557	.2533	.2553
190.			.1721	.1733	.1797		.1909	.1872	.1875	.1901	.1878	.1858	.1859	.1861
200.		.1506	.1287	.1267	.1328	.1499	.1362	.1362	.1379	.1442	.1334	.1328	.1359	.1372
210.				.1111	.1128	.1173	.1130	.1148	.1158	.1163	.1160	.1139	.1176	.1190
220.	.1358	.1220	.1081	.1042	.1023	.1033	.1065	.1078	.1095	.1112	.1083	.1057	.1069	.1088
240.			.1001		.0975	.0976	.1007	.1012	.1002	.1026	.1014	.1007	.1002	.1020
270.	.1199	.1124	.0999	.0981	.0955	.0937	.0941	.0935	.0944	.0973	.0968	.0992	.1007	.0997
300.			.0975		.0937	.0915	.0909	.0880	.0892	.0944	.0984	.0990	.0979	.1001
320.	.1192	.1128	.0979	.0964	.0944	.0940	.0966	.0961	.0963	.0987	.0996	.0981	.1000	.1030
330.				.0992	.0969	.0964	.1010	.0998	.0981	.0989	.1003	.0981	.1052	.1072
340.		.1224	.1083	.1101	.1043	.1068	.1089	.1074	.1107	.1092	.1080	.1066	.1109	.1129
350.			.1316	.1322	.1250		.1370	.1366	.1362	.1375	.1354	.1343	.1353	.1357
							FOR ALPHA = 4.50 DEG							
0.	.1270	.1274	.1312	.1233	.1210	.1235	.1277	.1274	.1294	.1290	.1272	.1275	.1270	.1288
10.			.0472	.0472	.0494		.0510	.0491	.0497	.0504	.0485	.0484	.0488	.0491
20.		.0477	.0340	.0361	.0333	.0353	.0365	.0341	.0353	.0351	.0331	.0322	.0347	.0350
30.				.0316	.0306	.0302	.0331	.0311	.0311	.0331	.0321	.0301	.0331	.0345
40.	.0498	.0429	.0330	.0312	.0300	.0339	.0330	.0314	.0316	.0328	.0322	.0307	.0317	.0340
60.			.0333		.0299	.0307	.0318	.0309	.0304	.0307	.0301	.0312	.0317	.0333
90.	.0496	.0440	.0335	.0345	.0311	.0330	.0337	.0332	.0321	.0343	.0307	.0321	.0328	.0325
120.			.0377		.0338	.0364	.0351	.0346	.0346	.0381	.0345	.0341	.0333	.0351
140.	.0667	.0524	.0406	.0373	.0363	.0382	.0382	.0361	.0367	.0433	.0349	.0349	.0364	.0372
150.				.0456	.0433	.0484	.0430	.0426	.0426	.0431	.0403	.0398	.0456	.0431
160.		.0825	.0667	.0613	.0628	.0745	.0607	.0606	.0611	.0718	.0584	.0590	.0618	.0642
170.			.1100	.1149	.1137		.1273	.1182	.1193	.1215	.1212	.1216	.1217	.1226
180.	.2967	.2996	.2887	.3013	.2959	.2998	.3017	.3007	.3044	.3044	.3016	.3010	.2990	.3012
190.			.1890	.1961	.2042		.2129	.2092	.2095	.2125	.2102	.2089	.2091	.2093
200.		.1623	.1396	.1344	.1442	.1593	.1459	.1453	.1473	.1541	.1425	.1412	.1466	.1498
210.				.1189	.1167	.1196	.1192	.1208	.1214	.1229	.1215	.1176	.1234	.1220
220.	.1381	.1243	.1121	.1071	.1110	.1046	.1094	.1109	.1112	.1130	.1103	.1101	.1094	.1121
240.			.0999		.0985	.0984	.1021	.1015	.1012	.1039	.1021	.1016	.1004	.1025
270.	.1166	.1126	.0974	.0972	.0945	.0939	.0954	.0952	.0944	.0943	.0942	.0963	.0977	.0973
300.			.0958		.0912	.0894	.0900	.0889	.0912	.0942	.0963	.0964	.0961	.0977
320.	.1145	.1103	.0938	.0936	.0908	.0898	.0897	.0884	.0923	.0954	.0964	.0937	.0947	.0977
330.				.0939	.0922	.0901	.0934	.0937	.0949	.0962	.0944	.0918	.0979	.1003
340.		.1133	.0981	.0979	.0981	.0964	.0979	.1002	.0999	.0986	.0975	.0995	.1017	.1029
350.			.1154	.1091	.1124		.1204	.1174	.1177	.1198	.1174	.1164	.1170	.1178
							FOR ALPHA = 9.51 DEG							
0.	.0695	.0661	.0720	.0628	.0608	.0610	.0659	.0647	.0662	.0658	.0647	.0644	.0637	.0645
10.			.0316	.0302	.0290		.0318	.0294	.0310	.0313	.0288	.0284	.0291	.0292
20.		.0361	.0269	.0263	.0249	.0277	.0281	.0259	.0269	.0270	.0253	.0247	.0269	.0282
30.				.0256	.0240	.0241	.0272	.0259	.0260	.0266	.0248	.0237	.0255	.0268
40.	.0395	.0351	.0268	.0251	.0234	.0287	.0271	.0260	.0262	.0273	.0256	.0246	.0257	.0279
60.			.0270		.0227	.0247	.0257	.0276	.0256	.0258	.0253	.0259	.0258	.0275
90.	.0464	.0383	.0287	.0287	.0269	.0294	.0279	.0272	.0261	.0292	.0253	.0260	.0277	.0281
120.			.0350		.0331	.0341	.0323	.0324	.0330	.0346	.0307	.0307	.0303	.0337
140.	.0731	.0573	.0453	.0437	.0407	.0431	.0415	.0409	.0415	.0438	.0390	.0387	.0385	.0392
150.				.0529	.0519	.0568	.0526	.0533	.0529	.0526	.0511	.0529	.0530	.0559
160.		.1072	.0955	.0809	.0849	.0928	.0838	.0849	.0846	.0911	.0818	.0804	.0838	.0872
170.			.1532	.1628	.1618		.1744	.1679	.1685	.1709	.1699	.1704	.1729	.1748
180.	.4210	.4244	.4111	.4318	.4213	.4263	.4281	.4255	.4300	.4269	.4250	.4262	.4246	.4284
190.			.2363	.2628	.2657		.2747	.2707	.2708	.2737	.2713	.2708	.2718	.2724
200.		.1969	.1809	.1737	.1726	.1881	.1735	.1763	.1757	.1819	.1711	.1697	.1764	.1777
210.				.1352	.1312	.1366	.1361	.1343	.1349	.1355	.1351	.1335	.1382	.1381
220.	.1469	.1348	.1244	.1157	.1159	.1134	.1189	.1185	.1185	.1228	.1197	.1182	.1191	.1207
240.			.1005		.1025	.1004	.1020	.1045	.1046	.1072	.1047	.1045	.1047	.1074
270.	.1149	.1049	.0911	.0910	.0915	.0909	.0923	.0922	.0909	.0909	.0899	.0915	.0929	.0926
300.			.0868		.0807	.0823	.0836	.0864	.0833	.0845	.0855	.0858	.0852	.0868
320.	.0924	.0910	.0786	.0777	.0752	.0765	.0797	.0796	.0810	.0815	.0834	.0813	.0820	.0852
330.				.0773	.0745	.0730	.0762	.0760	.0780	.0801	.0799	.0778	.0827	.0848
340.		.0855	.0759	.0765	.0745	.0744	.0757	.0744	.0769	.0778	.0769	.0767	.0804	.0815
350.			.0771	.0762	.0751		.0780	.0778	.0781	.0793	.0775	.0769	.0776	.0794

TABLE III. - CONTINUED

(D) MACH = 4.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.	.1622	.1601	.1609	.1591	.1591	.1633	.1643	.1638	.1631	.1593	.1573	.1606	.1588	0.
10.	.0562	.0604	.0590	.0555	.0602	.0633	.0629	.0627	.0620	.0606	.0588	.0603	.0619	10.
20.	.0353	.0362	.0343	.0352	.0350	.0400	.0414	.0414	.0409	.0388	.0384	.0407	.0415	20.
30.	.0334	.0324	.0328	.0319	.0376	.0372	.0380	.0392	.0387	.0356	.0351	.0355	.0366	30.
40.	.0334		.0316	.0316	.0350	.0360	.0364	.0370	.0371	.0342	.0332	.0344	.0365	40.
60.	.0335	.0322	.0322	.0317	.0345	.0346	.0344	.0348	.0347	.0317	.0337	.0353	.0372	60.
90.	.0333	.0321	.0320	.0326	.0338	.0340	.0345	.0345	.0321	.0314	.0331	.0349	.0365	90.
120.	.0333	.0320	.0329	.0328	.0355	.0357	.0357	.0357	.0364	.0324	.0343	.0357	.0371	120.
140.	.0356		.0342	.0342	.0376	.0389	.0386	.0384	.0387	.0358	.0347	.0357	.0373	140.
150.	.0366	.0374	.0362	.0361	.0400	.0395	.0400	.0414	.0405	.0391	.0379	.0384	.0390	150.
160.	.0515	.0524	.0519	.0502	.0502	.0533	.0535	.0537	.0527	.0513	.0496	.0526	.0526	160.
170.	.0953	.1019	.0977	.0948	.0995	.0998	.0991	.1015	.0987	.0983	.0970	.0998	.0998	170.
180.	.2570	.2539	.2536	.2507	.2506	.2545	.2554	.2556	.2548	.2511	.2484	.2536	.2513	180.
190.	.1796	.1853	.1808	.1759	.1853	.1843	.1849	.1851	.1826	.1825	.1831	.1846	.1876	190.
200.	.1340	.1326	.1303	.1308	.1308	.1372	.1378	.1384	.1354	.1347	.1338	.1368	.1381	200.
210.	.1139	.1119	.1109	.1103	.1135	.1181	.1190	.1201	.1182	.1162	.1148	.1147	.1169	210.
220.	.1059		.1025	.1031	.1074	.1088	.1099	.1108	.1105	.1085	.1063	.1082	.1114	220.
240.	.0999	.0963	.0970	.0968	.1005	.1012	.1012	.1015	.0979	.0978	.1015	.1047	.1076	240.
270.	.0976	.0944	.0947	.0957	.0957	.0958	.0966	.0965	.0943	.0932	.0963	.0993	.1020	270.
300.	.0977	.0948	.0949	.0943	.0960	.0959	.0954	.0954	.0935	.0927	.0958	.0983	.1005	300.
320.	.1000		.0954	.0950	.0971	.0983	.0990	.0993	.0990	.0972	.0947	.0968	.1001	320.
330.	.1013	.0995	.0988	.0973	.0997	.1022	.1023	.1030	.1015	.1009	.0996	.1001	.1021	330.
340.	.1102	.1100	.1085	.1087	.1074	.1125	.1137	.1126	.1111	.1102	.1085	.1128	.1145	340.
350.	.1320	.1357	.1327	.1296	.1369	.1367	.1381	.1384	.1352	.1348	.1353	.1367	.1386	350.
						FOR ALPHA = 4.50 DEG								
0.	.1300	.1273	.1275	.1258	.1255	.1302	.1311	.1308	.1304	.1260	.1242	.1272	.1261	0.
10.	.0452	.0478	.0459	.0441	.0478	.0499	.0503	.0510	.0482	.0466	.0478	.0491	.0484	10.
20.	.0309	.0306	.0310	.0306	.0318	.0366	.0383	.0382	.0373	.0351	.0348	.0373	.0380	20.
30.	.0305	.0299	.0303	.0295	.0359	.0347	.0356	.0363	.0355	.0331	.0329	.0331	.0345	30.
40.	.0310		.0298	.0298	.0331	.0338	.0344	.0349	.0349	.0321	.0314	.0326	.0346	40.
60.	.0306	.0298	.0301	.0297	.0327	.0329	.0329	.0334	.0339	.0306	.0329	.0345	.0359	60.
90.	.0306	.0298	.0301	.0308	.0322	.0327	.0333	.0335	.0311	.0303	.0322	.0340	.0358	90.
120.	.0334	.0323	.0330	.0328	.0348	.0350	.0351	.0352	.0353	.0310	.0329	.0343	.0363	120.
140.	.0363		.0345	.0348	.0381	.0388	.0389	.0391	.0387	.0360	.0347	.0357	.0378	140.
150.	.0408	.0383	.0397	.0388	.0408	.0422	.0420	.0427	.0423	.0409	.0394	.0400	.0407	150.
160.	.0603	.0592	.0587	.0592	.0578	.0618	.0636	.0617	.0613	.0578	.0581	.0604	.0611	160.
170.	.1134	.1211	.1171	.1123	.1182	.1192	.1181	.1176	.1165	.1170	.1166	.1176	.1187	170.
180.	.3024	.2992	.2994	.2962	.2956	.2999	.3009	.3007	.3001	.2953	.2926	.2984	.2957	180.
190.	.2007	.2080	.2024	.1974	.2074	.2065	.2067	.2075	.2049	.2046	.2050	.2066	.2093	190.
200.	.1429	.1419	.1416	.1415	.1414	.1475	.1486	.1483	.1463	.1445	.1421	.1470	.1497	200.
210.	.1181	.1171	.1162	.1149	.1184	.1238	.1245	.1259	.1239	.1216	.1197	.1200	.1220	210.
220.	.1095		.1068	.1081	.1123	.1129	.1134	.1137	.1138	.1115	.1090	.1111	.1143	220.
240.	.0993	.0955	.0965	.0969	.1020	.1032	.1031	.1029	.0986	.0989	.1022	.1054	.1084	240.
270.	.0954	.0928	.0931	.0939	.0955	.0961	.0970	.0968	.0935	.0925	.0954	.0982	.1011	270.
300.	.0945	.0913	.0917	.0911	.0954	.0954	.0948	.0956	.0909	.0902	.0933	.0958	.0978	300.
320.	.0954		.0909	.0904	.0951	.0961	.0969	.0978	.0971	.0926	.0905	.0925	.0955	320.
330.	.0949	.0936	.0931	.0917	.0968	.0989	.0993	.1001	.0987	.0949	.0935	.0940	.0958	330.
340.	.1017	.1013	.1010	.0999	.0986	.1050	.1067	.1056	.1038	.0999	.0981	.1017	.1037	340.
350.	.1150	.1180	.1157	.1131	.1198	.1214	.1223	.1228	.1206	.1173	.1182	.1192	.1209	350.
						FOR ALPHA = 9.51 DEG								
0.	.0648	.0623	.0624	.0608	.0605	.0637	.0644	.0648	.0646	.0625	.0617	.0639	.0639	0.
10.	.0301	.0285	.0273	.0255	.0275	.0286	.0293	.0298	.0291	.0282	.0292	.0307	.0318	10.
20.	.0270	.0263	.0263	.0259	.0254	.0281	.0290	.0285	.0280	.0261	.0256	.0277	.0287	20.
30.	.0252	.0248	.0247	.0239	.0295	.0272	.0278	.0284	.0281	.0261	.0255	.0259	.0265	30.
40.	.0266		.0247	.0244	.0263	.0268	.0274	.0278	.0280	.0258	.0248	.0259	.0275	40.
60.	.0260	.0245	.0242	.0239	.0258	.0263	.0266	.0273	.0293	.0253	.0272	.0283	.0292	60.
90.	.0273	.0255	.0254	.0259	.0264	.0272	.0278	.0279	.0257	.0251	.0269	.0288	.0302	90.
120.	.0314	.0287	.0294	.0305	.0327	.0338	.0324	.0331	.0319	.0285	.0297	.0319	.0339	120.
140.	.0376		.0368	.0354	.0395	.0399	.0402	.0410	.0403	.0382	.0376	.0390	.0408	140.
150.	.0523	.0483	.0508	.0478	.0489	.0515	.0514	.0535	.0527	.0506	.0506	.0500	.0521	150.
160.	.0850	.0847	.0839	.0823	.0813	.0852	.0850	.0871	.0844	.0837	.0809	.0834	.0848	160.
170.	.1632	.1727	.1668	.1631	.1691	.1661	.1668	.1675	.1643	.1656	.1641	.1658	.1663	170.
180.	.4296	.4267	.4262	.4222	.4223	.4270	.4282	.4283	.4263	.4204	.4170	.4238	.4199	180.
190.	.2629	.2723	.2646	.2598	.2693	.2679	.2675	.2686	.2652	.2654	.2659	.2686	.2698	190.
200.	.1742	.1745	.1746	.1717	.1734	.1772	.1794	.1807	.1763	.1727	.1705	.1769	.1775	200.
210.	.1349	.1323	.1314	.1317	.1324	.1376	.1410	.1417	.1388	.1382	.1364	.1360	.1385	210.
220.	.1203		.1178	.1180	.1215	.1235	.1240	.1234	.1235	.1213	.1191	.1214	.1247	220.
240.	.1047	.1000	.1015	.1014	.1052	.1065	.1059	.1057	.1002	.1005	.1036	.1074	.1106	240.
270.	.0907	.0889	.0900	.0915	.0918	.0925	.0934	.0932	.0901	.0891	.0919	.0950	.0975	270.
300.	.0842	.0822	.0827	.0826	.0860	.0857	.0852	.0858	.0836	.0826	.0856	.0878	.0895	300.
320.	.0822		.0779	.0775	.0815	.0824	.0824	.0829	.0822	.0789	.0769	.0793	.0823	320.
330.	.0794	.0776	.0766	.0751	.0801	.0807	.0807	.0814	.0801	.0774	.0760	.0766	.0783	330.
340.	.0789	.0764	.0756	.0759	.0749	.0795	.0807	.0799	.0785	.0756	.0741	.0769	.0787	340.
350.	.0779	.0792	.0765	.0747	.0797	.0807	.0806	.0802	.0792	.0759	.0766	.0778	.0790	350.

TABLE III. - CONTINUED

(D) MACH = 4.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 14.50 DEG								
0.	.0377	.0320	.0333	.0272	.0251	.0271	.0278	.0254	.0272	.0274	.0245	.0249	.0243	.0250
10.			.0198	.0177	.0165		.0190	.0172	.0175	.0184	.0162	.0154	.0154	.0160
20.		.0253	.0190	.0169	.0153	.0193	.0190	.0170	.0179	.0179	.0162	.0158	.0168	.0170
30.				.0161	.0151	.0153	.0187	.0177	.0166	.0182	.0161	.0141	.0156	.0170
40.	.0304	.0244	.0178	.0158	.0142	.0206	.0203	.0184	.0158	.0166	.0156	.0149	.0161	.0174
60.			.0185		.0157	.0185	.0173	.0160	.0160	.0168	.0152	.0170	.0176	.0190
90.	.0418	.0324	.0221	.0239	.0232	.0241	.0223	.0230	.0204	.0226	.0208	.0199	.0210	.0203
120.			.0345		.0350	.0338	.0356	.0320	.0372	.0364	.0360	.0322	.0340	.0340
140.	.0829	.0654	.0526	.0495	.0492	.0514	.0487	.0514	.0495	.0563	.0474	.0473	.0468	.0497
150.				.0737	.0696	.0713	.0712	.0685	.0705	.0673	.0720	.0670	.0676	.0715
160.		.1381	.1205	.1069	.1094	.1200	.1108	.1115	.1131	.1188	.1091	.1080	.1110	.1150
170.			.1933	.2118	.2143		.2300	.2219	.2237	.2276	.2262	.2258	.2272	.2283
180.	.5589	.5625	.5309	.5756	.5648	.5703	.5725	.5678	.5718	.5665	.5627	.5632	.5617	.5689
190.			.3016	.3322	.3296		.3414	.3380	.3373	.3400	.3386	.3378	.3380	.3397
200.		.2314	.2159	.2008	.2075	.2182	.2087	.2093	.2098	.2153	.2037	.2031	.2095	.2128
210.				.1547	.1523	.1573	.1538	.1572	.1539	.1521	.1544	.1514	.1557	.1575
220.	.1588	.1434	.1355	.1337	.1259	.1263	.1311	.1324	.1333	.1363	.1303	.1264	.1309	.1308
240.			.1020		.1077	.1029	.1079	.1079	.1088	.1133	.1105	.1091	.1093	.1115
270.	.1112	.0993	.0863	.0881	.0909	.0881	.0884	.0901	.0868	.0865	.0866	.0908	.0903	.0904
300.			.0759		.0705	.0755	.0744	.0741	.0737	.0752	.0756	.0768	.0758	.0777
320.	.0819	.0732	.0650	.0630	.0600	.0671	.0674	.0695	.0668	.0674	.0673	.0645	.0651	.0679
330.				.0571	.0559	.0577	.0619	.0631	.0613	.0631	.0602	.0579	.0603	.0621
340.		.0604	.0537	.0532	.0497	.0520	.0544	.0559	.0566	.0536	.0516	.0532	.0556	.0551
350.			.0456	.0438	.0409		.0493	.0468	.0450	.0433	.0403	.0436	.0459	.0462
						FOR ALPHA = 19.50 DEG								
0.	.0233	.0191	.0167	.0131	.0123	.0114	.0121	.0112	.0111	.0110	.0099	.0096	.0095	.0100
10.			.0089	.0072	.0065		.0097	.0083	.0081	.0078	.0065	.0073	.0078	.0085
20.		.0119	.0076	.0054	.0046	.0095	.0098	.0061	.0059	.0046	.0026	.0033	.0052	.0064
30.				.0042	.0036	.0061	.0078	.0044	.0033	.0047	.0024	.0009	.0037	.0049
40.	.0187	.0115	.0059	.0030	.0031	.0131	.0073	.0044	.0048	.0047	.0044	.0042	.0046	.0054
60.			.0105		.0126	.0099	.0110	.0088	.0076	.0112	.0104	.0106	.0097	.0114
90.	.0421	.0318	.0215	.0274	.0230	.0252	.0239	.0232	.0234	.0271	.0213	.0228	.0228	.0228
120.			.0455		.0399	.0440	.0441	.0426	.0443	.0481	.0417	.0424	.0434	.0436
140.	.0976	.0800	.0663	.0653	.0647	.0613	.0665	.0646	.0659	.0690	.0622	.0601	.0630	.0614
150.				.0852	.0857	.0929	.0889	.0885	.0866	.0871	.0868	.0868	.0881	.0898
160.		.1695	.1447	.1376	.1361	.1478	.1415	.1423	.1422	.1476	.1381	.1351	.1408	.1417
170.			.2327	.2718	.2751		.2897	.2835	.2847	.2879	.2877	.2875	.2873	.2887
180.	.7126	.7131	.7103	.7284	.7233	.7331	.7337	.7305	.7357	.7276	.7201	.7194	.7156	.7200
190.			.3687	.3972	.3970		.4133	.4124	.4128	.4163	.4132	.4119	.4123	.4123
200.		.2703	.2441	.2398	.2362	.2537	.2438	.2462	.2499	.2507	.2420	.2417	.2476	.2467
210.				.1763	.1728	.1774	.1776	.1782	.1764	.1781	.1785	.1754	.1829	.1803
220.	.1745	.1604	.1451	.1455	.1433	.1394	.1476	.1486	.1490	.1476	.1467	.1426	.1453	.1435
240.			.1122		.1140	.1120	.1151	.1195	.1204	.1234	.1186	.1216	.1177	.1172
270.	.1107	.0987	.0838	.0901	.0910	.0876	.0887	.0867	.0913	.0906	.0875	.0899	.0906	.0919
300.			.0678		.0689	.0676	.0675	.0683	.0659	.0679	.0715	.0717	.0697	.0718
320.	.0666	.0584	.0531	.0479	.0502	.0582	.0551	.0518	.0537	.0540	.0547	.0528	.0527	.0564
330.				.0394	.0398	.0412	.0484	.0436	.0422	.0455	.0431	.0401	.0421	.0444
340.		.0357	.0325	.0298	.0288	.0323	.0369	.0326	.0343	.0326	.0292	.0295	.0312	.0317
350.			.0199	.0190	.0152		.0198	.0161	.0210	.0205	.0152	.0166	.0165	.0173

TABLE III. - CONTINUED

(D) MACH = 4.50, BETA = 2.99 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 14.50 DEG								
0.	.0261	.0237	.0245	.0239	.0237	.0266	.0273	.0275	.0275	.0263	.0255	.0262	.0262	0.
10.	.0163	.0152	.0157	.0151	.0177	.0201	.0206	.0207	.0202	.0178	.0181	.0187	.0190	10.
20.	.0128	.0135	.0148	.0149	.0151	.0192	.0203	.0201	.0194	.0169	.0162	.0176	.0180	20.
30.	.0128	.0142	.0145	.0138	.0210	.0178	.0183	.0188	.0185	.0160	.0153	.0157	.0163	30.
40.	.0130		.0140	.0136	.0170	.0176	.0180	.0181	.0179	.0150	.0141	.0150	.0165	40.
60.	.0136	.0138	.0136	.0140	.0173	.0183	.0187	.0188	.0205	.0160	.0174	.0185	.0190	60.
90.	.0167	.0169	.0176	.0192	.0200	.0214	.0211	.0214	.0197	.0192	.0215	.0228	.0236	90.
120.	.0319	.0284	.0310	.0313	.0334	.0333	.0337	.0336	.0349	.0299	.0329	.0345	.0364	120.
140.	.0484		.0462	.0461	.0498	.0478	.0518	.0497	.0505	.0492	.0480	.0497	.0515	140.
150.	.0618	.0656	.0631	.0616	.0670	.0659	.0672	.0691	.0682	.0670	.0655	.0662	.0689	150.
160.	.1084	.1091	.1101	.1075	.1073	.1118	.1129	.1135	.1092	.1109	.1075	.1105	.1111	160.
170.	.2165	.2289	.2207	.2161	.2198	.2174	.2187	.2170	.2144	.2151	.2142	.2165	.2190	170.
180.	.5718	.5673	.5647	.5603	.5613	.5671	.5680	.5679	.5647	.5581	.5544	.5622	.5558	180.
190.	.3289	.3403	.3298	.3252	.3345	.3306	.3314	.3315	.3276	.3268	.3283	.3311	.3326	190.
200.	.2065	.2077	.2062	.2079	.2043	.2106	.2140	.2134	.2090	.2066	.2052	.2087	.2099	200.
210.	.1499	.1504	.1469	.1473	.1494	.1555	.1548	.1583	.1547	.1561	.1537	.1559	.1569	210.
220.	.1306		.1240	.1275	.1312	.1351	.1336	.1332	.1339	.1324	.1301	.1333	.1379	220.
240.	.1091	.1052	.1055	.1064	.1100	.1116	.1115	.1113	.1047	.1046	.1074	.1109	.1146	240.
270.	.0888	.0858	.0868	.0879	.0876	.0888	.0894	.0898	.0874	.0863	.0895	.0922	.0942	270.
300.	.0766	.0757	.0747	.0747	.0766	.0763	.0758	.0771	.0756	.0736	.0764	.0779	.0791	300.
320.	.0660		.0630	.0625	.0652	.0666	.0669	.0680	.0677	.0640	.0622	.0641	.0667	320.
330.	.0598	.0586	.0576	.0563	.0611	.0600	.0606	.0616	.0610	.0584	.0578	.0582	.0599	330.
340.	.0539	.0519	.0509	.0509	.0509	.0539	.0552	.0551	.0546	.0522	.0516	.0536	.0551	340.
350.	.0476	.0469	.0449	.0428	.0468	.0467	.0472	.0467	.0466	.0444	.0451	.0460	.0472	350.
						FOR ALPHA = 19.50 DEG								
0.	.0100	.0073	.0081	.0075	.0076	.0097	.0104	.0104	.0108	.0100	.0095	.0099	.0100	0.
10.	.0112	.0075	.0072	.0061	.0084	.0095	.0103	.0102	.0102	.0082	.0085	.0091	.0099	10.
20.	.0042	.0036	.0043	.0042	.0038	.0065	.0073	.0069	.0068	.0051	.0051	.0064	.0072	20.
30.	.0022	.0012	.0004	-.0003	.0070	.0029	.0030	.0038	.0038	.0021	.0024	.0028	.0037	30.
40.	.0024		.0010	-.0001	.0030	.0034	.0036	.0040	.0043	.0018	.0018	.0019	.0032	40.
60.	.0072	.0085	.0064	.0082	.0096	.0091	.0095	.0111	.0135	.0085	.0112	.0112	.0112	60.
90.	.0202	.0210	.0204	.0186	.0221	.0224	.0234	.0237	.0209	.0210	.0219	.0245	.0252	90.
120.	.0391	.0391	.0384	.0362	.0411	.0425	.0421	.0415	.0404	.0379	.0403	.0422	.0443	120.
140.	.0628		.0567	.0597	.0597	.0612	.0618	.0617	.0638	.0618	.0612	.0623	.0654	140.
150.	.0837	.0813	.0801	.0820	.0808	.0845	.0851	.0865	.0870	.0852	.0833	.0847	.0868	150.
160.	.1367	.1381	.1359	.1350	.1349	.1389	.1420	.1406	.1387	.1394	.1382	.1395	.1384	160.
170.	.2727	.2851	.2764	.2712	.2777	.2768	.2737	.2748	.2719	.2697	.2710	.2738	.2748	170.
180.	.7211	.7162	.7150	.7129	.7148	.7216	.7219	.7229	.7189	.7099	.7057	.7137	.7045	180.
190.	.3998	.4107	.3989	.3953	.4039	.3993	.3985	.4004	.3966	.3948	.3966	.3990	.4013	190.
200.	.2415	.2434	.2414	.2440	.2391	.2457	.2496	.2490	.2439	.2436	.2396	.2489	.2452	200.
210.	.1744	.1715	.1701	.1647	.1696	.1766	.1739	.1798	.1753	.1757	.1746	.1755	.1782	210.
220.	.1445		.1364	.1382	.1435	.1442	.1472	.1459	.1467	.1455	.1444	.1473	.1527	220.
240.	.1167	.1136	.1151	.1136	.1193	.1195	.1198	.1194	.1122	.1124	.1157	.1194	.1232	240.
270.	.0892	.0869	.0885	.0895	.0904	.0905	.0916	.0917	.0891	.0880	.0907	.0934	.0957	270.
300.	.0695	.0702	.0681	.0695	.0707	.0706	.0717	.0723	.0717	.0690	.0713	.0727	.0736	300.
320.	.0546		.0512	.0508	.0536	.0546	.0541	.0553	.0543	.0510	.0495	.0515	.0538	320.
330.	.0411	.0415	.0422	.0411	.0466	.0433	.0437	.0442	.0439	.0411	.0404	.0411	.0423	330.
340.	.0287	.0274	.0280	.0283	.0281	.0313	.0331	.0333	.0326	.0298	.0293	.0304	.0315	340.
350.	.0196	.0164	.0156	.0145	.0170	.0181	.0190	.0183	.0187	.0170	.0177	.0178	.0185	350.

TABLE III. - CONTINUED

(P) MACH = 4.50, BETA = 5.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -5.45 DEG							
0.	.3160	.3227	.3061	.3249	.3224	.3251	.3277	.3256	.3282	.3262	.3229	.3233	.3224	.3258
10.			.1029	.1013	.1003		.1065	.1051	.1060	.1078	.1060	.1053	.1069	.1074
20.		.0660	.0561	.0421	.0471	.0438	.0434	.0449	.0460	.0449	.0416	.0440	.0467	.0459
30.				.0245	.0247	.0266	.0252	.0249	.0252	.0260	.0242	.0244	.0250	.0265
40.	.0523	.0337	.0247	.0221	.0207	.0232	.0235	.0207	.0203	.0196	.0188	.0180	.0193	.0190
60.			.0220		.0200	.0196	.0201	.0203	.0209	.0196	.0190	.0185	.0189	.0204
90.	.0370	.0303	.0219	.0230	.0193	.0213	.0215	.0217	.0206	.0237	.0186	.0195	.0201	.0198
120.			.0237		.0190	.0208	.0224	.0213	.0217	.0232	.0189	.0188	.0184	.0195
140.	.0387	.0341	.0227	.0208	.0208	.0263	.0235	.0212	.0223	.0299	.0191	.0183	.0188	.0203
150.				.0223	.0240	.0296	.0235	.0212	.0214	.0228	.0181	.0165	.0186	.0203
160.		.0355	.0211	.0219	.0280	.0370	.0237	.0222	.0216	.0369	.0168	.0160	.0181	.0196
170.			.0297	.0337	.0290		.0329	.0291	.0289	.0288	.0259	.0253	.0253	.0261
180.	.1107	.1073	.1197	.1040	.1001	.1054	.1081	.1067	.1082	.1077	.1047	.1044	.1037	.1047
190.			.1269	.1275	.1233		.1360	.1324	.1313	.1321	.1285	.1275	.1286	.1292
200.		.1320	.1204	.1186	.1205	.1372	.1229	.1220	.1213	.1309	.1198	.1180	.1213	.1225
210.				.1171	.1161	.1180	.1142	.1170	.1191	.1212	.1191	.1144	.1197	.1220
220.	.1377	.1329	.1174	.1158	.1139	.1114	.1135	.1139	.1188	.1234	.1216	.1173	.1182	.1219
240.			.1214		.1142	.1119	.1165	.1192	.1170	.1204	.1218	.1242	.1225	.1239
270.	.1449	.1395	.1230	.1243	.1211	.1216	.1244	.1253	.1238	.1229	.1232	.1259	.1280	.1268
300.			.1258		.1284	.1304	.1330	.1337	.1335	.1343	.1357	.1346	.1333	.1352
320.	.1695	.1556	.1464	.1370	.1442	.1381	.1447	.1465	.1469	.1467	.1459	.1426	.1452	.1475
330.				.1523	.1518	.1513	.1583	.1579	.1578	.1610	.1587	.1547	.1590	.1617
340.		.2025	.1801	.1768	.1779	.1818	.1888	.1888	.1903	.1882	.1845	.1822	.1889	.1910
350.			.2349	.2478	.2538		.2622	.2600	.2592	.2614	.2576	.2564	.2575	.2585
							FOR ALPHA = -1.50 DEG							
0.	.2291	.2329	.2349	.2280	.2301	.2332	.2373	.2368	.2398	.2385	.2360	.2356	.2337	.2355
10.			.0732	.0667	.0680		.0722	.0704	.0715	.0730	.0722	.0725	.0723	.0748
20.		.0500	.0375	.0321	.0284	.0318	.0309	.0293	.0303	.0296	.0296	.0304	.0311	.0308
30.				.0246	.0208	.0196	.0237	.0213	.0213	.0219	.0207	.0196	.0225	.0230
40.	.0478	.0334	.0232	.0215	.0197	.0247	.0220	.0212	.0201	.0203	.0195	.0190	.0195	.0206
60.			.0234		.0209	.0211	.0221	.0211	.0204	.0209	.0218	.0217	.0211	.0221
90.	.0383	.0326	.0227	.0245	.0206	.0218	.0223	.0218	.0213	.0245	.0202	.0210	.0221	.0222
120.			.0244		.0198	.0205	.0233	.0219	.0223	.0256	.0207	.0206	.0204	.0219
140.	.0422	.0367	.0230	.0209	.0211	.0253	.0249	.0212	.0223	.0297	.0189	.0192	.0190	.0202
150.				.0239	.0245	.0318	.0250	.0215	.0209	.0229	.0187	.0169	.0183	.0190
160.		.0420	.0242	.0263	.0325	.0353	.0291	.0257	.0253	.0409	.0212	.0207	.0220	.0231
170.			.0485	.0516	.0474		.0573	.0478	.0487	.0489	.0472	.0468	.0474	.0472
180.	.1699	.1713	.1797	.1681	.1688	.1727	.1752	.1739	.1756	.1748	.1719	.1717	.1702	.1712
190.			.1657	.1622	.1654		.1775	.1748	.1751	.1767	.1742	.1724	.1727	.1731
200.		.1554	.1399	.1392	.1394	.1576	.1449	.1458	.1492	.1560	.1434	.1428	.1474	.1483
210.				.1302	.1255	.1346	.1335	.1347	.1354	.1362	.1352	.1303	.1363	.1385
220.	.1491	.1438	.1252	.1256	.1233	.1222	.1281	.1309	.1320	.1337	.1326	.1285	.1296	.1328
240.			.1251		.1221	.1186	.1200	.1257	.1276	.1298	.1303	.1293	.1277	.1296
270.	.1516	.1445	.1259	.1270	.1251	.1220	.1231	.1243	.1238	.1263	.1266	.1290	.1311	.1297
300.			.1281		.1266	.1237	.1289	.1305	.1302	.1305	.1323	.1317	.1311	.1335
320.	.1622	.1497	.1315	.1347	.1308	.1310	.1373	.1365	.1354	.1389	.1410	.1384	.1399	.1425
330.				.1409	.1410	.1376	.1425	.1446	.1432	.1480	.1483	.1428	.1488	.1508
340.		.1770	.1582	.1586	.1521	.1564	.1635	.1631	.1681	.1667	.1629	.1617	.1673	.1690
350.			.1989	.1971	.2008		.2138	.2119	.2118	.2141	.2114	.2091	.2096	.2096
							FOR ALPHA = -.50 DEG							
0.	.2078	.2117	.2149	.2065	.2091	.2129	.2171	.2164	.2189	.2171	.2147	.2142	.2128	.2147
10.			.0652	.0597	.0606		.0641	.0624	.0639	.0646	.0636	.0640	.0642	.0659
20.		.0464	.0330	.0304	.0259	.0297	.0281	.0272	.0277	.0265	.0251	.0271	.0283	.0290
30.				.0245	.0207	.0199	.0227	.0212	.0210	.0219	.0205	.0192	.0207	.0222
40.	.0462	.0333	.0231	.0217	.0200	.0239	.0220	.0214	.0204	.0205	.0196	.0194	.0200	.0203
60.			.0237		.0208	.0209	.0218	.0218	.0208	.0219	.0211	.0218	.0218	.0227
90.	.0386	.0327	.0225	.0247	.0209	.0224	.0223	.0219	.0215	.0246	.0206	.0215	.0221	.0222
120.			.0246		.0201	.0229	.0236	.0225	.0228	.0279	.0213	.0209	.0207	.0218
140.	.0439	.0364	.0233	.0213	.0213	.0290	.0243	.0220	.0223	.0233	.0194	.0190	.0197	.0202
150.				.0253	.0242	.0304	.0247	.0224	.0229	.0229	.0195	.0176	.0187	.0206
160.		.0457	.0272	.0281	.0324	.0456	.0290	.0261	.0272	.0392	.0230	.0223	.0236	.0250
170.			.0550	.0554	.0535		.0662	.0549	.0563	.0567	.0548	.0543	.0551	.0548
180.	.1878	.1899	.1949	.1861	.1867	.1915	.1947	.1929	.1954	.1940	.1907	.1905	.1891	.1902
190.			.1767	.1715	.1742		.1890	.1868	.1864	.1878	.1846	.1827	.1836	.1838
200.		.1625	.1453	.1456	.1447	.1647	.1491	.1505	.1543	.1603	.1500	.1476	.1530	.1542
210.				.1341	.1303	.1378	.1353	.1364	.1385	.1397	.1395	.1348	.1419	.1432
220.	.1507	.1469	.1255	.1281	.1251	.1233	.1301	.1318	.1332	.1358	.1345	.1313	.1328	.1357
240.			.1253		.1236	.1208	.1224	.1250	.1285	.1319	.1317	.1300	.1280	.1305
270.	.1521	.1459	.1276	.1273	.1250	.1219	.1202	.1231	.1252	.1265	.1265	.1296	.1318	.1308
300.			.1266		.1256	.1233	.1264	.1295	.1294	.1303	.1327	.1323	.1308	.1333
320.	.1542	.1483	.1273	.1321	.1246	.1290	.1356	.1360	.1366	.1376	.1385	.1351	.1365	.1399
330.				.1384	.1358	.1352	.1408	.1430	.1436	.1452	.1451	.1392	.1451	.1471
340.		.1698	.1531	.1527	.1490	.1526	.1571	.1601	.1622	.1604	.1572	.1557	.1611	.1624
350.			.1893	.1870	.1898		.2026	.2016	.2006	.2025	.1997	.1972	.1981	.1982

TABLE III. - CONTINUED

(P) MACH = 4.50, BETA = 5.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.45 DEG								
0.	.3281	.3249	.3247	.3205	.3200	.3205	.3235	.3271	.3280	.3238	.3219	.3290	.3268	0.
10.	.0965	.1059	.1031	.0989	.1040	.0959	.0964	.1035	.1027	.1060	.1040	.1069	.1087	10.
20.	.0431	.0463	.0440	.0403	.0423	.0382	.0408	.0461	.0452	.0438	.0455	.0452	.0470	20.
30.	.0212	.0219	.0220	.0201	.0113	.0170	.0199	.0258	.0254	.0249	.0240	.0248	.0258	30.
40.	.0184		.0152	.0172	.0041	.0118	.0160	.0206	.0214	.0193	.0187	.0196	.0212	40.
60.	.0206	.0193	.0185	.0192	.0079	.0132	.0176	.0200	.0230	.0177	.0189	.0203	.0219	60.
90.	.0188	.0180	.0178	.0183	.0129	.0154	.0177	.0186	.0172	.0163	.0176	.0190	.0201	90.
120.	.0178	.0172	.0177	.0171	.0195	.0192	.0189	.0190	.0228	.0165	.0176	.0186	.0193	120.
140.	.0185		.0175	.0168	.0195	.0196	.0198	.0202	.0198	.0176	.0163	.0173	.0184	140.
150.	.0180	.0175	.0176	.0165	.0233	.0193	.0193	.0199	.0191	.0173	.0163	.0167	.0173	150.
160.	.0178	.0172	.0176	.0169	.0160	.0193	.0199	.0195	.0183	.0169	.0160	.0176	.0180	160.
170.	.0248	.0240	.0231	.0215	.0228	.0246	.0248	.0251	.0231	.0225	.0234	.0243	.0239	170.
180.	.1054	.1031	.1034	.1016	.1013	.1046	.1053	.1054	.1051	.1029	.1009	.1031	.1023	180.
190.	.1278	.1305	.1273	.1247	.1318	.1318	.1323	.1321	.1309	.1281	.1292	.1306	.1324	190.
200.	.1217	.1190	.1184	.1183	.1175	.1228	.1247	.1236	.1219	.1196	.1176	.1213	.1238	200.
210.	.1171	.1156	.1149	.1132	.1165	.1199	.1203	.1212	.1197	.1176	.1158	.1162	.1183	210.
220.	.1202		.1146	.1145	.1178	.1193	.1201	.1210	.1206	.1175	.1146	.1168	.1204	220.
240.	.1215	.1176	.1184	.1180	.1209	.1209	.1205	.1215	.1176	.1181	.1219	.1243	.1261	240.
270.	.1257	.1225	.1227	.1237	.1239	.1250	.1261	.1261	.1232	.1218	.1251	.1287	.1318	270.
300.	.1330	.1281	.1294	.1295	.1339	.1351	.1347	.1350	.1293	.1300	.1343	.1378	.1410	300.
320.	.1461		.1420	.1415	.1456	.1473	.1487	.1497	.1497	.1464	.1437	.1464	.1495	320.
330.	.1566	.1544	.1546	.1535	.1563	.1620	.1630	.1635	.1611	.1588	.1569	.1573	.1595	330.
340.	.1858	.1864	.1853	.1834	.1854	.1916	.1931	.1922	.1893	.1877	.1848	.1902	.1926	340.
350.	.2524	.2594	.2533	.2474	.2588	.2566	.2576	.2582	.2551	.2543	.2560	.2591	.2635	350.
						FOR ALPHA = -1.50 DEG								
0.	.2367	.2337	.2341	.2322	.2330	.2391	.2417	.2427	.2424	.2363	.2334	.2368	.2350	0.
10.	.0649	.0721	.0688	.0679	.0689	.0738	.0737	.0767	.0735	.0699	.0710	.0724	.0737	10.
20.	.0274	.0293	.0274	.0275	.0257	.0307	.0340	.0338	.0356	.0290	.0293	.0321	.0303	20.
30.	.0181	.0180	.0174	.0169	.0218	.0228	.0235	.0263	.0257	.0219	.0208	.0216	.0224	30.
40.	.0180		.0177	.0186	.0210	.0242	.0258	.0272	.0271	.0217	.0207	.0215	.0235	40.
60.	.0204	.0200	.0200	.0204	.0226	.0249	.0256	.0267	.0253	.0204	.0219	.0233	.0244	60.
90.	.0210	.0201	.0199	.0201	.0204	.0215	.0221	.0224	.0191	.0183	.0195	.0210	.0221	90.
120.	.0210	.0194	.0191	.0183	.0195	.0197	.0194	.0195	.0227	.0170	.0183	.0196	.0207	120.
140.	.0192		.0183	.0180	.0197	.0202	.0204	.0206	.0206	.0180	.0167	.0177	.0190	140.
150.	.0165	.0157	.0163	.0163	.0216	.0197	.0195	.0204	.0200	.0179	.0174	.0175	.0183	150.
160.	.0195	.0193	.0192	.0176	.0177	.0183	.0202	.0201	.0197	.0191	.0176	.0197	.0194	160.
170.	.0435	.0462	.0442	.0410	.0447	.0460	.0450	.0451	.0443	.0447	.0451	.0437	.0456	170.
180.	.1719	.1691	.1687	.1664	.1662	.1701	.1712	.1714	.1711	.1674	.1654	.1689	.1675	180.
190.	.1680	.1726	.1673	.1642	.1731	.1730	.1740	.1742	.1727	.1695	.1705	.1724	.1744	190.
200.	.1461	.1434	.1425	.1416	.1400	.1468	.1489	.1474	.1457	.1422	.1398	.1450	.1472	200.
210.	.1325	.1303	.1298	.1282	.1315	.1358	.1362	.1371	.1358	.1328	.1311	.1321	.1344	210.
220.	.1302		.1253	.1249	.1293	.1310	.1323	.1334	.1332	.1292	.1262	.1289	.1324	220.
240.	.1268	.1226	.1239	.1235	.1276	.1281	.1279	.1288	.1230	.1241	.1279	.1311	.1332	240.
270.	.1274	.1238	.1247	.1259	.1265	.1267	.1282	.1280	.1244	.1231	.1268	.1308	.1337	270.
300.	.1306	.1265	.1273	.1270	.1316	.1314	.1314	.1318	.1263	.1267	.1307	.1339	.1366	300.
320.	.1381		.1325	.1326	.1372	.1383	.1400	.1408	.1405	.1366	.1339	.1367	.1403	320.
330.	.1440	.1418	.1414	.1400	.1434	.1474	.1481	.1489	.1465	.1443	.1426	.1436	.1461	330.
340.	.1638	.1637	.1614	.1620	.1606	.1670	.1699	.1693	.1660	.1639	.1616	.1682	.1705	340.
350.	.2037	.2084	.2038	.1995	.2099	.2110	.2128	.2138	.2110	.2095	.2109	.2127	.2153	350.
						FOR ALPHA = -.50 DEG								
0.	.2162	.2135	.2145	.2122	.2131	.2188	.2205	.2207	.2205	.2148	.2121	.2156	.2135	0.
10.	.0565	.0634	.0620	.0596	.0610	.0666	.0666	.0682	.0648	.0629	.0627	.0654	.0644	10.
20.	.0251	.0236	.0248	.0253	.0229	.0289	.0304	.0316	.0326	.0261	.0268	.0276	.0280	20.
30.	.0174	.0171	.0170	.0163	.0238	.0234	.0249	.0262	.0270	.0217	.0218	.0216	.0229	30.
40.	.0190		.0190	.0192	.0235	.0254	.0264	.0274	.0278	.0220	.0212	.0224	.0239	40.
60.	.0203	.0201	.0202	.0204	.0243	.0258	.0261	.0270	.0255	.0209	.0225	.0236	.0250	60.
90.	.0200	.0196	.0192	.0195	.0215	.0222	.0226	.0230	.0194	.0186	.0201	.0217	.0229	90.
120.	.0194	.0188	.0187	.0181	.0209	.0209	.0206	.0207	.0233	.0172	.0188	.0198	.0210	120.
140.	.0175		.0175	.0179	.0209	.0211	.0215	.0216	.0216	.0182	.0171	.0181	.0194	140.
150.	.0157	.0150	.0155	.0146	.0223	.0196	.0204	.0212	.0199	.0183	.0174	.0178	.0184	150.
160.	.0215	.0204	.0209	.0181	.0187	.0218	.0232	.0234	.0214	.0211	.0191	.0207	.0223	160.
170.	.0489	.0525	.0516	.0468	.0512	.0533	.0539	.0523	.0514	.0520	.0524	.0521	.0524	170.
180.	.1909	.1873	.1873	.1846	.1842	.1891	.1900	.1902	.1900	.1857	.1837	.1873	.1858	180.
190.	.1783	.1828	.1783	.1743	.1834	.1837	.1847	.1853	.1826	.1803	.1814	.1829	.1857	190.
200.	.1509	.1493	.1487	.1476	.1460	.1529	.1545	.1531	.1510	.1479	.1455	.1505	.1525	200.
210.	.1356	.1331	.1328	.1309	.1342	.1390	.1397	.1408	.1389	.1362	.1344	.1350	.1373	210.
220.	.1327		.1271	.1271	.1314	.1331	.1347	.1357	.1351	.1312	.1284	.1307	.1343	220.
240.	.1277	.1236	.1249	.1244	.1285	.1290	.1290	.1297	.1239	.1247	.1285	.1317	.1339	240.
270.	.1285	.1248	.1252	.1264	.1263	.1264	.1275	.1275	.1243	.1229	.1266	.1306	.1337	270.
300.	.1306	.1265	.1276	.1271	.1297	.1297	.1292	.1298	.1257	.1258	.1296	.1327	.1354	300.
320.	.1373		.1312	.1309	.1335	.1347	.1358	.1370	.1369	.1345	.1318	.1346	.1384	320.
330.	.1407	.1383	.1384	.1369	.1390	.1428	.1431	.1443	.1424	.1408	.1393	.1403	.1429	330.
340.	.1598	.1580	.1572	.1562	.1540	.1601	.1618	.1606	.1583	.1565	.1547	.1607	.1632	340.
350.	.1939	.1981	.1939	.1898	.2001	.1990	.2008	.2014	.1992	.1984	.1992	.2009	.2037	350.

TABLE III. - CONTINUED

(P) MACH = 4.50, BETA = 5.00 DEG, CONTINUED

THETA, DEG	.0357	.0714	.1071	.1429	.1786	.2143	CP AT X/L = .2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = .50 DEG							
0.	.1883	.1919	.1970	.1859	.1896	.1931	.1973	.1960	.1980	.1966	.1943	.1943	.1931	.1952
10.			.0571	.0529	.0531		.0569	.0549	.0561	.0568	.0559	.0559	.0566	.0573
20.		.0429	.0285	.0281	.0244	.0274	.0269	.0247	.0259	.0245	.0232	.0233	.0245	.0269
30.				.0233	.0201	.0194	.0227	.0208	.0209	.0208	.0202	.0183	.0195	.0214
40.	.0440	.0326	.0225	.0211	.0199	.0242	.0223	.0208	.0203	.0204	.0200	.0193	.0204	.0211
60.			.0231		.0203	.0209	.0219	.0209	.0212	.0219	.0216	.0214	.0213	.0225
90.	.0380	.0326	.0230	.0246	.0206	.0222	.0221	.0214	.0213	.0242	.0200	.0207	.0215	.0218
120.			.0247		.0202	.0226	.0228	.0222	.0219	.0262	.0201	.0205	.0208	.0217
140.	.0452	.0365	.0234	.0213	.0211	.0278	.0235	.0219	.0216	.0226	.0187	.0184	.0191	.0193
150.				.0261	.0243	.0309	.0241	.0218	.0220	.0234	.0198	.0180	.0195	.0211
160.		.0476	.0311	.0297	.0332	.0475	.0297	.0276	.0281	.0403	.0243	.0254	.0261	.0278
170.			.0626	.0607	.0600		.0726	.0618	.0633	.0641	.0624	.0619	.0627	.0634
180.	.2072	.2094	.2130	.2057	.2057	.2107	.2141	.2130	.2159	.2144	.2108	.2103	.2089	.2105
190.			.1870	.1864	.1878		.2012	.1990	.1987	.2007	.1975	.1950	.1955	.1959
200.		.1700	.1516	.1501	.1508	.1686	.1554	.1589	.1609	.1672	.1558	.1540	.1592	.1604
210.				.1372	.1357	.1401	.1395	.1415	.1426	.1449	.1439	.1379	.1434	.1454
220.	.1540	.1490	.1266	.1303	.1240	.1267	.1344	.1349	.1365	.1390	.1377	.1338	.1349	.1379
240.			.1264		.1235	.1214	.1256	.1295	.1296	.1315	.1316	.1311	.1296	.1317
270.	.1522	.1459	.1276	.1274	.1253	.1219	.1203	.1233	.1255	.1266	.1266	.1296	.1322	.1309
300.			.1257		.1261	.1225	.1232	.1263	.1293	.1305	.1330	.1316	.1300	.1323
320.	.1515	.1464	.1263	.1301	.1258	.1255	.1329	.1334	.1337	.1352	.1365	.1329	.1340	.1371
330.				.1347	.1314	.1333	.1371	.1391	.1394	.1412	.1414	.1360	.1421	.1440
340.		.1632	.1478	.1473	.1438	.1477	.1498	.1545	.1571	.1551	.1512	.1493	.1550	.1564
350.			.1794	.1748	.1758		.1905	.1893	.1887	.1903	.1880	.1857	.1864	.1873
							FOR ALPHA = 1.50 DEG							
0.	.1705	.1737	.1808	.1689	.1712	.1740	.1778	.1769	.1785	.1771	.1752	.1755	.1748	.1765
10.			.0497	.0475	.0467		.0492	.0476	.0488	.0493	.0486	.0484	.0494	.0494
20.		.0404	.0253	.0263	.0233	.0258	.0248	.0227	.0245	.0231	.0220	.0217	.0227	.0242
30.				.0218	.0196	.0192	.0215	.0200	.0204	.0211	.0194	.0182	.0196	.0207
40.	.0425	.0322	.0224	.0209	.0194	.0231	.0218	.0203	.0200	.0205	.0201	.0204	.0199	.0215
60.			.0231		.0200	.0199	.0210	.0204	.0204	.0215	.0214	.0216	.0213	.0229
90.	.0377	.0322	.0226	.0241	.0203	.0216	.0215	.0210	.0205	.0236	.0194	.0203	.0212	.0217
120.			.0246		.0201	.0218	.0231	.0212	.0205	.0255	.0198	.0201	.0195	.0203
140.	.0464	.0364	.0235	.0211	.0204	.0266	.0234	.0215	.0208	.0219	.0178	.0174	.0181	.0189
150.				.0263	.0240	.0305	.0243	.0215	.0218	.0230	.0192	.0182	.0212	.0219
160.		.0507	.0355	.0314	.0348	.0493	.0312	.0295	.0298	.0421	.0273	.0290	.0296	.0293
170.			.0705	.0676	.0670		.0790	.0695	.0704	.0718	.0702	.0703	.0703	.0720
180.	.2276	.2301	.2325	.2279	.2267	.2304	.2340	.2336	.2368	.2352	.2321	.2312	.2292	.2310
190.			.1955	.1968	.1994		.2124	.2098	.2100	.2121	.2092	.2071	.2073	.2071
200.		.1768	.1568	.1561	.1559	.1732	.1623	.1625	.1663	.1725	.1619	.1606	.1656	.1669
210.				.1390	.1413	.1420	.1419	.1441	.1440	.1474	.1472	.1417	.1470	.1491
220.	.1621	.1504	.1327	.1330	.1292	.1290	.1361	.1358	.1367	.1404	.1402	.1372	.1382	.1408
240.			.1283		.1248	.1223	.1276	.1299	.1304	.1323	.1324	.1315	.1303	.1324
270.	.1521	.1450	.1272	.1274	.1254	.1221	.1230	.1246	.1239	.1265	.1269	.1295	.1317	.1303
300.			.1268		.1249	.1200	.1207	.1267	.1276	.1285	.1314	.1309	.1292	.1314
320.	.1511	.1444	.1277	.1283	.1261	.1241	.1284	.1320	.1320	.1327	.1338	.1304	.1316	.1348
330.				.1318	.1269	.1304	.1350	.1355	.1359	.1370	.1371	.1324	.1384	.1408
340.		.1572	.1432	.1434	.1385	.1405	.1478	.1464	.1492	.1498	.1443	.1450	.1500	.1512
350.			.1693	.1612	.1683		.1782	.1782	.1771	.1784	.1759	.1742	.1752	.1756
							FOR ALPHA = 2.50 DEG							
0.	.1540	.1562	.1658	.1508	.1523	.1550	.1590	.1578	.1597	.1588	.1571	.1575	.1569	.1589
10.			.0432	.0425	.0408		.0433	.0414	.0426	.0427	.0419	.0419	.0426	.0428
20.		.0383	.0232	.0246	.0221	.0243	.0244	.0223	.0229	.0217	.0207	.0206	.0217	.0226
30.				.0208	.0195	.0189	.0215	.0199	.0201	.0207	.0189	.0176	.0196	.0206
40.	.0412	.0318	.0222	.0207	.0193	.0235	.0220	.0203	.0196	.0209	.0202	.0203	.0211	.0219
60.			.0228		.0197	.0198	.0211	.0206	.0202	.0210	.0205	.0215	.0220	.0232
90.	.0368	.0316	.0222	.0237	.0198	.0209	.0214	.0215	.0205	.0236	.0193	.0204	.0214	.0213
120.			.0241		.0199	.0199	.0221	.0210	.0204	.0233	.0197	.0186	.0183	.0199
140.	.0472	.0356	.0238	.0203	.0210	.0239	.0225	.0209	.0207	.0268	.0176	.0167	.0174	.0188
150.				.0262	.0252	.0290	.0249	.0220	.0212	.0224	.0196	.0183	.0207	.0216
160.		.0537	.0404	.0330	.0391	.0466	.0332	.0323	.0332	.0475	.0320	.0313	.0318	.0324
170.			.0787	.0757	.0744		.0788	.0775	.0786	.0803	.0788	.0793	.0788	.0811
180.	.2488	.2514	.2512	.2493	.2486	.2520	.2546	.2545	.2583	.2569	.2538	.2532	.2507	.2525
190.			.2026	.2035	.2128		.2239	.2208	.2215	.2241	.2210	.2191	.2190	.2185
200.		.1830	.1618	.1594	.1648	.1792	.1669	.1685	.1722	.1780	.1674	.1672	.1714	.1733
210.				.1394	.1445	.1458	.1459	.1486	.1488	.1491	.1486	.1434	.1510	.1527
220.	.1678	.1529	.1352	.1346	.1323	.1323	.1380	.1387	.1396	.1419	.1409	.1373	.1385	.1413
240.			.1275		.1245	.1259	.1283	.1302	.1305	.1330	.1330	.1316	.1302	.1323
270.	.1512	.1425	.1291	.1274	.1249	.1214	.1201	.1253	.1267	.1267	.1259	.1286	.1313	.1296
300.			.1258		.1239	.1198	.1169	.1201	.1251	.1271	.1302	.1296	.1281	.1301
320.	.1496	.1431	.1261	.1268	.1239	.1214	.1267	.1266	.1288	.1307	.1321	.1274	.1283	.1319
330.				.1287	.1269	.1231	.1310	.1322	.1313	.1323	.1326	.1279	.1339	.1365
340.		.1515	.1381	.1370	.1357	.1333	.1394	.1422	.1425	.1400	.1402	.1395	.1420	.1447
350.			.1591	.1512	.1592		.1668	.1649	.1647	.1667	.1642	.1626	.1639	.1646

TABLE III. - CONTINUED

(P) MACH = 4.50, BETA = 5.00 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = .50 DEG								
0.	.1967	.1946	.1952	.1933	.1937	.1997	.2011	.2011	.2006	.1944	.1915	.1952	.1933	0.
10.	.0504	.0561	.0551	.0512	.0542	.0591	.0601	.0600	.0578	.0563	.0557	.0576	.0564	10.
20.	.0238	.0221	.0226	.0212	.0214	.0277	.0289	.0297	.0281	.0246	.0246	.0249	.0263	20.
30.	.0178	.0174	.0179	.0171	.0256	.0242	.0264	.0269	.0270	.0223	.0217	.0220	.0229	30.
40.	.0197		.0203	.0200	.0244	.0260	.0269	.0279	.0280	.0224	.0215	.0223	.0242	40.
60.	.0216	.0209	.0210	.0206	.0247	.0259	.0263	.0270	.0253	.0212	.0228	.0241	.0254	60.
90.	.0205	.0198	.0195	.0198	.0215	.0223	.0225	.0228	.0198	.0191	.0205	.0221	.0233	90.
120.	.0193	.0185	.0186	.0182	.0205	.0205	.0201	.0202	.0238	.0176	.0188	.0200	.0213	120.
140.	.0183		.0172	.0171	.0194	.0201	.0207	.0206	.0204	.0187	.0172	.0181	.0198	140.
150.	.0166	.0151	.0153	.0143	.0210	.0175	.0196	.0194	.0193	.0180	.0177	.0175	.0186	150.
160.	.0250	.0224	.0227	.0225	.0212	.0241	.0245	.0252	.0229	.0228	.0233	.0227	.0245	160.
170.	.0566	.0610	.0597	.0552	.0586	.0595	.0604	.0595	.0573	.0594	.0592	.0613	.0596	170.
180.	.2111	.2080	.2074	.2046	.2041	.2087	.2092	.2097	.2093	.2052	.2030	.2070	.2052	180.
190.	.1907	.1955	.1903	.1858	.1950	.1954	.1963	.1967	.1946	.1913	.1922	.1940	.1968	190.
200.	.1577	.1555	.1547	.1536	.1511	.1588	.1603	.1593	.1574	.1530	.1505	.1559	.1582	200.
210.	.1386	.1362	.1359	.1344	.1380	.1429	.1435	.1445	.1429	.1392	.1375	.1380	.1408	210.
220.	.1351		.1286	.1288	.1330	.1350	.1367	.1380	.1380	.1337	.1306	.1335	.1373	220.
240.	.1290	.1246	.1255	.1250	.1293	.1301	.1301	.1309	.1244	.1255	.1291	.1322	.1349	240.
270.	.1288	.1251	.1255	.1266	.1268	.1268	.1279	.1282	.1237	.1226	.1262	.1302	.1332	270.
300.	.1296	.1257	.1268	.1263	.1298	.1294	.1290	.1296	.1242	.1245	.1283	.1315	.1337	300.
320.	.1344		.1291	.1291	.1329	.1337	.1347	.1360	.1356	.1317	.1290	.1317	.1352	320.
330.	.1375	.1350	.1345	.1330	.1364	.1403	.1407	.1421	.1401	.1375	.1360	.1371	.1397	330.
340.	.1540	.1513	.1509	.1502	.1483	.1548	.1567	.1557	.1538	.1509	.1488	.1542	.1566	340.
350.	.1828	.1876	.1835	.1801	.1896	.1896	.1908	.1913	.1893	.1866	.1875	.1888	.1911	350.
						FOR ALPHA = 1.50 DEG								
0.	.1781	.1759	.1761	.1742	.1744	.1792	.1808	.1803	.1798	.1749	.1723	.1757	.1739	0.
10.	.0442	.0481	.0474	.0431	.0474	.0499	.0515	.0502	.0496	.0491	.0486	.0492	.0491	10.
20.	.0206	.0203	.0208	.0183	.0194	.0228	.0257	.0255	.0248	.0228	.0218	.0234	.0243	20.
30.	.0172	.0169	.0176	.0175	.0241	.0243	.0245	.0257	.0254	.0220	.0216	.0216	.0228	30.
40.	.0199		.0194	.0196	.0225	.0246	.0253	.0258	.0261	.0221	.0211	.0220	.0238	40.
60.	.0215	.0206	.0202	.0199	.0225	.0241	.0243	.0246	.0246	.0207	.0224	.0238	.0252	60.
90.	.0206	.0197	.0193	.0198	.0201	.0213	.0217	.0217	.0197	.0188	.0202	.0215	.0228	90.
120.	.0187	.0182	.0183	.0184	.0195	.0201	.0197	.0197	.0237	.0175	.0191	.0198	.0211	120.
140.	.0172		.0163	.0163	.0179	.0194	.0203	.0206	.0204	.0183	.0173	.0177	.0193	140.
150.	.0176	.0155	.0159	.0151	.0194	.0178	.0180	.0196	.0186	.0183	.0177	.0172	.0185	150.
160.	.0264	.0262	.0263	.0267	.0234	.0258	.0267	.0274	.0282	.0252	.0261	.0262	.0264	160.
170.	.0638	.0697	.0674	.0642	.0660	.0672	.0673	.0684	.0641	.0665	.0659	.0688	.0674	170.
180.	.2320	.2288	.2284	.2251	.2246	.2290	.2300	.2301	.2294	.2261	.2237	.2276	.2263	180.
190.	.2014	.2064	.2010	.1963	.2056	.2063	.2074	.2078	.2045	.2036	.2047	.2065	.2092	190.
200.	.1627	.1620	.1599	.1598	.1577	.1653	.1672	.1656	.1627	.1613	.1591	.1645	.1664	200.
210.	.1422	.1404	.1394	.1377	.1408	.1461	.1467	.1476	.1458	.1443	.1423	.1426	.1451	210.
220.	.1369		.1306	.1303	.1350	.1375	.1391	.1402	.1401	.1375	.1343	.1366	.1401	220.
240.	.1298	.1255	.1258	.1253	.1298	.1308	.1304	.1312	.1261	.1273	.1313	.1343	.1371	240.
270.	.1282	.1243	.1247	.1258	.1260	.1266	.1275	.1272	.1243	.1231	.1268	.1304	.1335	270.
300.	.1289	.1247	.1254	.1249	.1281	.1281	.1274	.1278	.1236	.1237	.1278	.1306	.1331	300.
320.	.1325		.1267	.1265	.1296	.1312	.1323	.1331	.1328	.1300	.1273	.1297	.1333	320.
330.	.1347	.1324	.1315	.1296	.1324	.1363	.1369	.1378	.1358	.1346	.1331	.1341	.1367	330.
340.	.1488	.1459	.1449	.1439	.1423	.1487	.1512	.1497	.1476	.1458	.1439	.1489	.1509	340.
350.	.1726	.1766	.1727	.1690	.1781	.1784	.1798	.1801	.1773	.1756	.1767	.1778	.1801	350.
						FOR ALPHA = 2.50 DEG								
0.	.1603	.1576	.1581	.1561	.1557	.1609	.1616	.1615	.1610	.1561	.1532	.1567	.1551	0.
10.	.0384	.0415	.0405	.0368	.0406	.0435	.0438	.0433	.0430	.0422	.0419	.0416	.0427	10.
20.	.0183	.0184	.0184	.0175	.0180	.0218	.0240	.0249	.0249	.0224	.0218	.0233	.0232	20.
30.	.0171	.0178	.0189	.0185	.0249	.0241	.0250	.0257	.0256	.0221	.0214	.0215	.0221	30.
40.	.0198		.0199	.0195	.0225	.0243	.0251	.0258	.0260	.0221	.0211	.0219	.0233	40.
60.	.0216	.0205	.0204	.0196	.0224	.0234	.0237	.0245	.0247	.0208	.0224	.0235	.0247	60.
90.	.0198	.0189	.0187	.0190	.0202	.0209	.0214	.0216	.0191	.0185	.0197	.0213	.0224	90.
120.	.0187	.0181	.0181	.0180	.0197	.0200	.0196	.0195	.0224	.0166	.0178	.0191	.0204	120.
140.	.0172		.0148	.0148	.0173	.0195	.0196	.0196	.0197	.0175	.0162	.0172	.0187	140.
150.	.0172	.0156	.0164	.0154	.0194	.0179	.0177	.0188	.0181	.0178	.0165	.0174	.0176	150.
160.	.0303	.0318	.0287	.0284	.0279	.0306	.0332	.0296	.0311	.0277	.0279	.0313	.0287	160.
170.	.0713	.0782	.0750	.0732	.0739	.0762	.0754	.0772	.0726	.0722	.0733	.0752	.0763	170.
180.	.2537	.2501	.2499	.2465	.2458	.2505	.2517	.2514	.2505	.2463	.2443	.2483	.2474	180.
190.	.2118	.2175	.2121	.2073	.2174	.2176	.2186	.2192	.2158	.2144	.2157	.2175	.2201	190.
200.	.1680	.1661	.1671	.1645	.1629	.1731	.1721	.1724	.1700	.1666	.1652	.1707	.1718	200.
210.	.1446	.1423	.1420	.1402	.1439	.1488	.1492	.1512	.1490	.1467	.1449	.1457	.1478	210.
220.	.1374		.1322	.1324	.1376	.1396	.1405	.1423	.1420	.1384	.1357	.1384	.1418	220.
240.	.1290	.1248	.1259	.1252	.1305	.1313	.1312	.1320	.1261	.1268	.1305	.1345	.1373	240.
270.	.1268	.1231	.1239	.1249	.1257	.1259	.1271	.1269	.1233	.1221	.1258	.1297	.1325	270.
300.	.1270	.1229	.1238	.1234	.1272	.1269	.1262	.1270	.1217	.1219	.1258	.1288	.1307	300.
320.	.1289		.1239	.1239	.1284	.1293	.1303	.1312	.1306	.1267	.1239	.1266	.1298	320.
330.	.1303	.1284	.1281	.1263	.1305	.1336	.1339	.1349	.1329	.1302	.1288	.1297	.1320	330.
340.	.1433	.1402	.1393	.1385	.1370	.1438	.1459	.1446	.1425	.1395	.1371	.1421	.1444	340.
350.	.1616	.1651	.1620	.1585	.1674	.1679	.1689	.1694	.1668	.1637	.1647	.1663	.1683	350.

TABLE III. - CONTINUED

(P) MACH = 4.50, BETA = 5.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 4.50 DEG								
0.	.1242	.1245	.1358	.1175	.1179	.1208	.1252	.1244	.1262	.1259	.1247	.1250	.1245	.1262
10.			.0331	.0333	.0316		.0331	.0316	.0316	.0320	.0310	.0310	.0312	.0322
20.		.0345	.0212	.0217	.0189	.0227	.0218	.0197	.0201	.0201	.0189	.0183	.0196	.0208
30.				.0199	.0189	.0185	.0206	.0197	.0195	.0201	.0190	.0181	.0209	.0226
40.	.0387	.0310	.0215	.0200	.0186	.0225	.0211	.0198	.0196	.0208	.0199	.0200	.0207	.0226
60.			.0220		.0187	.0186	.0202	.0196	.0193	.0205	.0201	.0204	.0202	.0212
90.	.0372	.0308	.0216	.0224	.0187	.0207	.0210	.0204	.0197	.0228	.0184	.0190	.0196	.0197
120.			.0235		.0188	.0215	.0216	.0204	.0207	.0235	.0172	.0172	.0169	.0187
140.	.0510	.0368	.0246	.0203	.0189	.0241	.0249	.0204	.0204	.0210	.0157	.0163	.0173	.0180
150.				.0253	.0244	.0351	.0263	.0234	.0229	.0255	.0225	.0223	.0237	.0250
160.		.0631	.0502	.0371	.0478	.0543	.0409	.0396	.0410	.0520	.0365	.0391	.0424	.0430
170.			.0935	.0924	.0895		.1015	.0944	.0942	.0973	.0959	.0961	.0973	.0978
180.	.2934	.2970	.2829	.2972	.2935	.2969	.2996	.2981	.3022	.3016	.2992	.2982	.2962	.2982
190.			.2227	.2337	.2374		.2475	.2443	.2444	.2473	.2455	.2438	.2441	.2437
200.		.1965	.1727	.1692	.1754	.1897	.1785	.1820	.1819	.1879	.1787	.1778	.1834	.1840
210.				.1453	.1492	.1521	.1521	.1536	.1525	.1559	.1565	.1502	.1572	.1598
220.	.1703	.1559	.1432	.1340	.1386	.1352	.1413	.1426	.1450	.1463	.1442	.1399	.1422	.1452
240.			.1280		.1274	.1278	.1317	.1318	.1317	.1339	.1336	.1327	.1318	.1343
270.	.1478	.1437	.1262	.1268	.1245	.1217	.1241	.1245	.1250	.1245	.1238	.1268	.1293	.1281
300.			.1250		.1206	.1174	.1184	.1201	.1215	.1230	.1261	.1271	.1263	.1283
320.	.1446	.1397	.1232	.1227	.1191	.1141	.1150	.1178	.1222	.1250	.1265	.1227	.1236	.1270
330.				.1233	.1209	.1178	.1200	.1222	.1237	.1260	.1267	.1212	.1265	.1286
340.		.1411	.1265	.1265	.1242	.1245	.1268	.1259	.1305	.1316	.1285	.1262	.1315	.1339
350.			.1403	.1342	.1348		.1443	.1432	.1431	.1448	.1432	.1422	.1437	.1449
						FOR ALPHA = 9.50 DEG								
0.	.0662	.0621	.0681	.0577	.0559	.0573	.0607	.0600	.0609	.0603	.0595	.0593	.0584	.0589
10.			.0199	.0193	.0172		.0187	.0175	.0173	.0173	.0155	.0152	.0157	.0159
20.		.0257	.0173	.0168	.0152	.0188	.0178	.0161	.0167	.0162	.0144	.0147	.0158	.0163
30.				.0165	.0153	.0156	.0178	.0164	.0164	.0172	.0161	.0156	.0173	.0182
40.	.0301	.0254	.0175	.0160	.0148	.0199	.0176	.0162	.0157	.0166	.0159	.0156	.0162	.0180
60.			.0172		.0140	.0149	.0160	.0150	.0149	.0147	.0148	.0161	.0163	.0173
90.	.0337	.0252	.0156	.0173	.0145	.0167	.0155	.0141	.0133	.0170	.0121	.0125	.0141	.0149
120.			.0191		.0157	.0176	.0181	.0165	.0162	.0193	.0124	.0142	.0134	.0120
140.	.0570	.0390	.0266	.0248	.0206	.0290	.0249	.0198	.0216	.0221	.0205	.0200	.0217	.0211
150.				.0380	.0349	.0408	.0323	.0325	.0338	.0337	.0312	.0298	.0334	.0312
160.		.0853	.0705	.0593	.0629	.0711	.0622	.0599	.0609	.0724	.0567	.0562	.0626	.0601
170.			.1231	.1405	.1344		.1465	.1383	.1402	.1425	.1416	.1429	.1435	.1456
180.	.4172	.4201	.4002	.4270	.4179	.4225	.4243	.4220	.4262	.4236	.4213	.4229	.4212	.4244
190.			.2730	.3039	.3039		.3130	.3095	.3091	.3122	.3096	.3085	.3098	.3103
200.		.2327	.2143	.2063	.2071	.2220	.2092	.2122	.2136	.2183	.2078	.2073	.2148	.2156
210.				.1683	.1675	.1689	.1690	.1708	.1718	.1740	.1695	.1673	.1710	.1749
220.	.1789	.1665	.1576	.1464	.1481	.1444	.1513	.1519	.1527	.1520	.1524	.1510	.1508	.1555
240.			.1308		.1320	.1307	.1338	.1347	.1371	.1368	.1345	.1340	.1360	.1393
270.	.1473	.1357	.1193	.1203	.1212	.1205	.1216	.1211	.1205	.1201	.1198	.1219	.1233	.1228
300.			.1158		.1093	.1076	.1117	.1121	.1123	.1114	.1163	.1166	.1153	.1176
320.	.1209	.1194	.1037	.1051	.1007	.0993	.1059	.1079	.1080	.1098	.1125	.1096	.1100	.1122
330.				.1033	.0988	.0965	.0986	.1027	.1061	.1080	.1070	.1029	.1077	.1098
340.		.1102	.0995	.0983	.0973	.0956	.0987	.0980	.1016	.1032	.1019	.1007	.1042	.1054
350.			.0958	.0950	.0937		.0979	.0967	.0967	.0986	.0971	.0967	.0973	.0986
						FOR ALPHA = 14.50 DEG								
0.	.0317	.0257	.0275	.0211	.0177	.0174	.0192	.0205	.0166	.0177	.0169	.0173	.0154	.0161
10.			.0130	.0107	.0096		.0106	.0096	.0097	.0088	.0064	.0062	.0058	.0062
20.		.0184	.0127	.0107	.0093	.0137	.0123	.0102	.0113	.0107	.0098	.0098	.0107	.0112
30.				.0098	.0089	.0092	.0114	.0095	.0096	.0099	.0088	.0083	.0104	.0114
40.	.0224	.0179	.0111	.0091	.0079	.0137	.0109	.0090	.0077	.0076	.0081	.0082	.0086	.0110
60.			.0099		.0067	.0075	.0075	.0065	.0050	.0053	.0053	.0071	.0069	.0069
90.	.0284	.0193	.0098	.0124	.0106	.0108	.0104	.0091	.0064	.0115	.0071	.0061	.0070	.0060
120.			.0188		.0192	.0202	.0198	.0162	.0204	.0203	.0170	.0134	.0166	.0187
140.	.0649	.0474	.0328	.0316	.0324	.0356	.0331	.0323	.0320	.0345	.0297	.0291	.0282	.0283
150.				.0510	.0503	.0508	.0488	.0466	.0481	.0478	.0445	.0469	.0488	.0474
160.		.1133	.0920	.0839	.0855	.0968	.0851	.0860	.0873	.0947	.0830	.0843	.0852	.0853
170.			.1576	.1812	.1845		.1972	.1906	.1915	.1934	.1933	.1928	.1941	.1970
180.	.5560	.5578	.5306	.5696	.5599	.5659	.5678	.5637	.5676	.5627	.5581	.5582	.5577	.5642
190.			.3375	.3762	.3718		.3845	.3810	.3793	.3825	.3805	.3791	.3803	.3814
200.		.2696	.2492	.2410	.2468	.2555	.2476	.2496	.2501	.2523	.2441	.2416	.2496	.2514
210.				.1900	.1878	.1910	.1922	.1946	.1931	.1917	.1940	.1907	.1951	.1937
220.	.1924	.1776	.1718	.1643	.1626	.1587	.1680	.1682	.1681	.1650	.1644	.1663	.1619	.1668
240.			.1339		.1373	.1350	.1392	.1407	.1390	.1437	.1422	.1420	.1427	.1445
270.	.1435	.1302	.1149	.1155	.1199	.1150	.1189	.1193	.1173	.1169	.1168	.1212	.1228	.1216
300.			.1047		.0978	.1031	.1011	.1008	.1016	.1028	.1058	.1067	.1053	.1068
320.	.1094	.0993	.0893	.0897	.0838	.0900	.0909	.0936	.0895	.0918	.0937	.0909	.0912	.0944
330.				.0815	.0803	.0800	.0857	.0845	.0818	.0853	.0837	.0802	.0844	.0867
340.		.0797	.0729	.0735	.0686	.0723	.0719	.0740	.0729	.0730	.0711	.0710	.0744	.0746
350.			.0569	.0540	.0590		.0542	.0545	.0527	.0583	.0553	.0547	.0538	.0556

TABLE III. - CONTINUED

(P) MACH = 4.50, BETA = 5.00 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = 4.50 DEG								
0.	.1273	.1250	.1251	.1226	.1219	.1259	.1269	.1268	.1262	.1220	.1202	.1231	.1224	0.
10.	.0292	.0310	.0300	.0272	.0291	.0313	.0316	.0321	.0314	.0289	.0294	.0303	.0306	10.
20.	.0187	.0192	.0201	.0192	.0189	.0227	.0242	.0242	.0236	.0199	.0196	.0210	.0217	20.
30.	.0198	.0196	.0201	.0188	.0249	.0234	.0241	.0250	.0247	.0210	.0205	.0203	.0212	30.
40.	.0218		.0206	.0197	.0222	.0236	.0243	.0253	.0255	.0215	.0205	.0210	.0226	40.
60.	.0203	.0202	.0202	.0196	.0222	.0230	.0236	.0241	.0240	.0202	.0219	.0226	.0239	60.
90.	.0186	.0181	.0179	.0182	.0195	.0204	.0209	.0211	.0185	.0175	.0192	.0207	.0220	90.
120.	.0177	.0176	.0171	.0170	.0197	.0193	.0191	.0193	.0224	.0160	.0176	.0186	.0197	120.
140.	.0167		.0134	.0131	.0167	.0173	.0179	.0188	.0193	.0169	.0158	.0166	.0184	140.
150.	.0186	.0190	.0200	.0170	.0223	.0197	.0206	.0209	.0212	.0192	.0194	.0187	.0208	150.
160.	.0383	.0371	.0396	.0368	.0364	.0377	.0400	.0419	.0393	.0376	.0359	.0373	.0398	160.
170.	.0897	.0952	.0925	.0886	.0947	.0926	.0940	.0934	.0938	.0935	.0916	.0935	.0925	170.
180.	.2991	.2958	.2957	.2920	.2912	.2955	.2967	.2965	.2952	.2911	.2882	.2940	.2918	180.
190.	.2364	.2426	.2365	.2315	.2432	.2410	.2421	.2427	.2394	.2388	.2396	.2417	.2450	190.
200.	.1784	.1773	.1763	.1763	.1776	.1842	.1847	.1848	.1823	.1812	.1780	.1832	.1846	200.
210.	.1532	.1510	.1502	.1485	.1509	.1563	.1564	.1584	.1565	.1552	.1529	.1535	.1557	210.
220.	.1420		.1380	.1383	.1419	.1436	.1449	.1457	.1462	.1434	.1407	.1437	.1470	220.
240.	.1313	.1264	.1270	.1271	.1314	.1325	.1326	.1332	.1277	.1291	.1328	.1371	.1401	240.
270.	.1263	.1227	.1233	.1244	.1246	.1251	.1259	.1258	.1232	.1219	.1253	.1291	.1322	270.
300.	.1251	.1210	.1213	.1209	.1240	.1236	.1230	.1238	.1199	.1198	.1236	.1264	.1281	300.
320.	.1250		.1195	.1193	.1229	.1239	.1248	.1256	.1252	.1220	.1193	.1217	.1253	320.
330.	.1235	.1219	.1214	.1197	.1234	.1262	.1266	.1275	.1258	.1240	.1222	.1229	.1248	330.
340.	.1326	.1291	.1282	.1279	.1267	.1318	.1338	.1325	.1307	.1287	.1262	.1304	.1325	340.
350.	.1435	.1462	.1432	.1403	.1480	.1472	.1476	.1476	.1451	.1431	.1434	.1443	.1459	350.
						FOR ALPHA = 9.50 DEG								
0.	.0594	.0561	.0563	.0547	.0539	.0571	.0582	.0581	.0583	.0564	.0554	.0569	.0571	0.
10.	.0159	.0132	.0134	.0117	.0128	.0160	.0175	.0175	.0169	.0128	.0132	.0142	.0149	10.
20.	.0141	.0144	.0153	.0147	.0146	.0199	.0216	.0213	.0208	.0153	.0150	.0166	.0174	20.
30.	.0152	.0151	.0157	.0148	.0230	.0205	.0217	.0222	.0221	.0168	.0161	.0162	.0168	30.
40.	.0155		.0155	.0152	.0194	.0202	.0213	.0217	.0218	.0161	.0152	.0158	.0171	40.
60.	.0150	.0147	.0150	.0143	.0182	.0187	.0193	.0201	.0192	.0146	.0160	.0166	.0172	60.
90.	.0130	.0114	.0116	.0121	.0146	.0153	.0155	.0156	.0122	.0114	.0130	.0143	.0155	90.
120.	.0131	.0104	.0105	.0104	.0130	.0150	.0136	.0139	.0171	.0104	.0116	.0124	.0148	120.
140.	.0184		.0167	.0160	.0196	.0193	.0187	.0211	.0201	.0183	.0176	.0189	.0207	140.
150.	.0326	.0295	.0298	.0299	.0299	.0312	.0294	.0314	.0313	.0295	.0303	.0291	.0318	150.
160.	.0563	.0605	.0580	.0577	.0581	.0632	.0596	.0614	.0612	.0584	.0563	.0606	.0604	160.
170.	.1333	.1436	.1378	.1325	.1392	.1356	.1377	.1383	.1338	.1353	.1329	.1369	.1386	170.
180.	.4255	.4210	.4203	.4163	.4162	.4204	.4214	.4216	.4197	.4144	.4109	.4176	.4147	180.
190.	.3004	.3086	.3003	.2955	.3071	.3052	.3054	.3066	.3028	.3031	.3030	.3060	.3089	190.
200.	.2100	.2113	.2083	.2103	.2077	.2165	.2161	.2177	.2131	.2091	.2095	.2141	.2161	200.
210.	.1692	.1655	.1652	.1642	.1667	.1751	.1737	.1769	.1745	.1735	.1709	.1708	.1733	210.
220.	.1524		.1488	.1514	.1543	.1565	.1579	.1580	.1570	.1546	.1518	.1554	.1595	220.
240.	.1356	.1311	.1327	.1329	.1368	.1370	.1367	.1366	.1304	.1317	.1354	.1393	.1432	240.
270.	.1210	.1178	.1198	.1217	.1210	.1217	.1227	.1222	.1204	.1189	.1221	.1256	.1284	270.
300.	.1146	.1115	.1116	.1116	.1137	.1133	.1125	.1129	.1112	.1106	.1146	.1167	.1183	300.
320.	.1097		.1043	.1041	.1062	.1076	.1082	.1083	.1078	.1053	.1030	.1052	.1088	320.
330.	.1048	.1028	.1018	.1002	.1031	.1044	.1047	.1054	.1042	.1029	.1013	.1014	.1032	330.
340.	.1030	.0995	.0987	.0990	.0983	.1015	.1031	.1019	.1005	.0991	.0971	.1001	.1019	340.
350.	.0973	.0982	.0947	.0923	.0985	.0971	.0972	.0965	.0954	.0941	.0948	.0959	.0969	350.
						FOR ALPHA = 14.50 DEG								
0.	.0162	.0135	.0138	.0125	.0117	.0151	.0154	.0156	.0157	.0142	.0132	.0141	.0142	0.
10.	.0094	.0057	.0067	.0060	.0077	.0124	.0128	.0136	.0133	.0078	.0077	.0084	.0089	10.
20.	.0091	.0087	.0093	.0088	.0086	.0139	.0147	.0153	.0149	.0095	.0090	.0104	.0107	20.
30.	.0094	.0089	.0089	.0073	.0160	.0128	.0132	.0143	.0136	.0084	.0079	.0087	.0091	30.
40.	.0089		.0072	.0064	.0114	.0119	.0120	.0126	.0125	.0069	.0060	.0071	.0082	40.
60.	.0049	.0047	.0052	.0040	.0089	.0089	.0096	.0100	.0099	.0052	.0063	.0073	.0075	60.
90.	.0054	.0032	.0052	.0032	.0060	.0059	.0077	.0077	.0047	.0047	.0055	.0065	.0070	90.
120.	.0131	.0110	.0132	.0133	.0137	.0155	.0160	.0162	.0175	.0126	.0140	.0156	.0173	120.
140.	.0262		.0262	.0272	.0289	.0285	.0303	.0302	.0310	.0285	.0272	.0288	.0307	140.
150.	.0449	.0408	.0455	.0422	.0439	.0455	.0452	.0486	.0472	.0440	.0440	.0444	.0465	150.
160.	.0829	.0815	.0842	.0831	.0790	.0874	.0865	.0866	.0855	.0823	.0821	.0842	.0836	160.
170.	.1814	.1960	.1879	.1826	.1871	.1853	.1844	.1856	.1801	.1818	.1843	.1822	.1867	170.
180.	.5668	.5614	.5593	.5544	.5553	.5615	.5623	.5618	.5588	.5515	.5483	.5563	.5506	180.
190.	.3720	.3816	.3716	.3648	.3767	.3728	.3743	.3742	.3702	.3698	.3705	.3733	.3754	190.
200.	.2443	.2474	.2459	.2456	.2441	.2506	.2543	.2514	.2452	.2461	.2435	.2496	.2494	200.
210.	.1893	.1846	.1862	.1833	.1824	.1939	.1922	.1939	.1933	.1917	.1916	.1923	.1950	210.
220.	.1622		.1582	.1610	.1687	.1689	.1700	.1705	.1695	.1666	.1654	.1685	.1731	220.
240.	.1434	.1357	.1392	.1374	.1436	.1446	.1440	.1417	.1355	.1366	.1401	.1441	.1483	240.
270.	.1193	.1159	.1159	.1174	.1177	.1182	.1197	.1195	.1169	.1162	.1199	.1228	.1254	270.
300.	.1047	.1029	.1029	.1017	.1035	.1030	.1027	.1034	.1015	.1008	.1045	.1060	.1073	300.
320.	.0920		.0876	.0864	.0887	.0905	.0914	.0916	.0917	.0884	.0862	.0883	.0913	320.
330.	.0828	.0813	.0799	.0780	.0821	.0821	.0827	.0833	.0821	.0796	.0787	.0798	.0818	330.
340.	.0732	.0700	.0690	.0689	.0687	.0717	.0732	.0727	.0719	.0698	.0691	.0717	.0733	340.
350.	.0572	.0560	.0536	.0515	.0566	.0562	.0573	.0570	.0564	.0540	.0547	.0559	.0570	350.

TABLE III. - CONTINUED

(P) MACH = 4.50, BETA = 5.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 19.50 DEG								
0.	.0182	.0131	.0117	.0079	.0069	.0058	.0063	.0051	.0045	.0047	.0041	.0033	.0023	.0021
10.			.0051	.0036	.0030		.0054	.0036	.0034	.0039	.0022	.0026	.0033	.0043
20.		.0079	.0034	.0014	.0007	.0061	.0048	.0023	.0032	.0016	.0005	.0014	.0030	.0037
30.				-.0002	-.0004	.0000	.0020	-.0005	-.0007	-.0009	-.0025	-.0033	-.0013	-.0003
40.	.0122	.0060	.0004	-.0018	-.0018	.0059	.0004	-.0016	-.0023	-.0024	-.0024	-.0041	-.0024	-.0031
60.			.0010		.0003	-.0006	.0014	-.0009	-.0014	-.0013	.0004	.0002	-.0022	-.0016
90.	.0279	.0179	.0091	.0159	.0098	.0124	.0102	.0109	.0098	.0129	.0092	.0075	.0081	.0076
120.			.0274		.0231	.0265	.0287	.0271	.0266	.0307	.0232	.0241	.0246	.0251
140.	.0792	.0598	.0449	.0460	.0456	.0458	.0468	.0439	.0441	.0449	.0429	.0395	.0407	.0445
150.				.0663	.0643	.0715	.0660	.0654	.0633	.0675	.0628	.0630	.0659	.0651
160.		.1425	.1180	.1095	.1113	.1227	.1135	.1134	.1171	.1211	.1105	.1093	.1114	.1109
170.			.2024	.2371	.2405		.2524	.2450	.2480	.2515	.2488	.2498	.2503	.2516
180.	.7084	.7077	.7027	.7223	.7183	.7276	.7291	.7249	.7301	.7217	.7143	.7125	.7092	.7132
190.			.4156	.4452	.4430		.4605	.4585	.4593	.4625	.4587	.4570	.4572	.4575
200.		.3099	.2792	.2818	.2778	.2919	.2853	.2879	.2912	.2922	.2854	.2823	.2890	.2902
210.				.2132	.2086	.2119	.2157	.2151	.2146	.2161	.2189	.2112	.2206	.2208
220.	.2077	.1943	.1807	.1804	.1783	.1742	.1840	.1836	.1829	.1854	.1830	.1796	.1798	.1838
240.			.1393		.1436	.1416	.1490	.1487	.1510	.1515	.1544	.1495	.1512	.1540
270.	.1421	.1290	.1128	.1205	.1174	.1146	.1176	.1162	.1187	.1212	.1194	.1213	.1216	.1219
300.			.0946		.0981	.0909	.0935	.0945	.0945	.0959	.1006	.1026	.0994	.1005
320.	.0925	.0830	.0774	.0708	.0747	.0826	.0788	.0771	.0780	.0795	.0805	.0776	.0774	.0817
330.				.0612	.0623	.0612	.0706	.0631	.0638	.0664	.0655	.0624	.0648	.0663
340.		.0520	.0483	.0472	.0445	.0497	.0523	.0491	.0495	.0468	.0459	.0458	.0483	.0485
350.			.0263	.0259	.0213		.0248	.0271	.0236	.0251	.0211	.0216	.0205	.0224

TABLE III. - CONCLUDED

(P) MACH = 4.50, BETA = 5.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 19.50 DEG								
0.	.0020	-.0004	-.0001	-.0009	-.0010	.0011	.0014	.0014	.0017	.0016	.0011	.0014	.0009	0.
10.	.0075	.0045	.0042	.0028	.0053	.0049	.0051	.0051	.0053	.0041	.0044	.0051	.0056	10.
20.	.0019	.0015	.0023	.0015	.0014	.0032	.0040	.0043	.0039	.0026	.0020	.0027	.0030	20.
30.	-.0028	-.0042	-.0039	-.0043	.0029	-.0023	-.0015	-.0011	-.0011	-.0018	-.0027	-.0022	-.0013	30.
40.	-.0065		-.0064	-.0068	-.0054	-.0049	-.0059	-.0059	-.0052	-.0065	-.0072	-.0063	-.0046	40.
60.	-.0040	-.0026	-.0002	-.0035	-.0031	-.0037	-.0036	-.0025	.0036	-.0024	-.0004	-.0013	-.0006	60.
90.	.0068	.0069	.0051	.0053	.0063	.0061	.0095	.0079	.0071	.0054	.0077	.0082	.0100	90.
120.	.0218	.0203	.0192	.0216	.0215	.0249	.0230	.0237	.0234	.0209	.0211	.0233	.0246	120.
140.	.0391		.0371	.0383	.0413	.0403	.0418	.0412	.0423	.0401	.0404	.0426	.0440	140.
150.	.0602	.0616	.0593	.0571	.0634	.0628	.0612	.0633	.0648	.0613	.0603	.0617	.0626	150.
160.	.1069	.1083	.1115	.1076	.1076	.1101	.1160	.1129	.1113	.1096	.1076	.1112	.1101	160.
170.	.2345	.2492	.2380	.2347	.2410	.2388	.2363	.2376	.2319	.2324	.2332	.2354	.2374	170.
180.	.7149	.7091	.7088	.7077	.7075	.7135	.7135	.7146	.7104	.7037	.6996	.7072	.6983	180.
190.	.4456	.4544	.4430	.4393	.4489	.4422	.4414	.4441	.4399	.4409	.4427	.4463	.4482	190.
200.	.2842	.2832	.2859	.2825	.2817	.2860	.2911	.2909	.2825	.2845	.2809	.2885	.2873	200.
210.	.2118	.2092	.2061	.2040	.2027	.2085	.2101	.2117	.2125	.2110	.2109	.2121	.2174	210.
220.	.1790		.1741	.1717	.1759	.1784	.1798	.1808	.1820	.1818	.1794	.1840	.1888	220.
240.	.1486	.1455	.1459	.1451	.1497	.1514	.1502	.1502	.1425	.1436	.1482	.1531	.1576	240.
270.	.1198	.1155	.1176	.1184	.1189	.1194	.1218	.1214	.1191	.1181	.1214	.1245	.1266	270.
300.	.0979	.0966	.0954	.0956	.0994	.0999	.0994	.1012	.0985	.0968	.1008	.1019	.1022	300.
320.	.0797		.0747	.0743	.0788	.0802	.0803	.0805	.0799	.0757	.0738	.0756	.0786	320.
330.	.0629	.0623	.0631	.0620	.0681	.0658	.0661	.0667	.0662	.0629	.0623	.0624	.0641	330.
340.	.0458	.0438	.0433	.0430	.0429	.0486	.0508	.0509	.0500	.0460	.0450	.0464	.0476	340.
350.	.0257	.0223	.0210	.0195	.0224	.0244	.0251	.0240	.0240	.0210	.0207	.0210	.0229	350.

TABLE IV. - FOREBODY 4, AXIS RATIO 1/2 ELLIPTIC CONE

(A) MACH = 1.70, BETA = -.01 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.65 DEG								
0.	.2715	.2725	.2516	.2694	.2653	.2640	.2642	.2642	.2674		.2653	.2671	.2623	.2671
25.		.2737	.2691	.2699	.2670	.2659	.2659	.2649	.2647	.2667	.2660	.2618	.2660	.2647
40.				.2736	.2699		.2681	.2686	.2729	.2705	.2675	.2675	.2681	.2679
55.	.2584	.2777	.2768	.2761	.2681	.2762	.2732	.2747	.2798	.2782	.2763	.2783	.2746	.2737
70.			.2893	.2860	.2901	.2872	.2862	.2905	.2943	.2892	.2914	.2900	.2920	.2883
80.				.2895	.2923	.2872	.2961	.2999	.2957	.2952	.2963	.2991	.2972	.2966
90.		.2562	.2424	.2467	.2427	.2474	.2466	.2530	.2502	.2518	.2550	.2507	.2471	.2460
100.				.1503	.1521	.1586	.1567	.1522	.1514	.1519	.1486	.1492	.1485	.1452
110.			.1170	.1110	.1097	.1191	.1169	.1155	.1171	.1169	.1185	.1138	.1174	.1156
125.	.1055	.1211	.1054	.1085	.1008	.1108	.1106	.1117	.1109	.1115	.1105	.1100	.1114	.1108
140.				.1105	.1148		.1121	.1125	.1132	.1089	.1079	.1066	.1086	.1043
155.		.1236	.1061	.1127	.1106	.1067	.1116	.1123	.1125	.1085	.1063	.1041	.1075	.1052
180.	.1167	.1237	.0892	.1203	.1113	.1068	.1068	.1125	.1153		.1061	.1049	.1061	.1087
						FOR ALPHA = -2.65 DEG								
0.	.2340	.2381	.2099	.2336	.2293	.2252	.2255	.2266	.2289		.2256	.2268	.2227	.2277
25.		.2390	.2313	.2329	.2300	.2276	.2289	.2268	.2271	.2283	.2272	.2231	.2264	.2256
40.				.2364	.2333		.2306	.2313	.2339	.2329	.2299	.2300	.2290	.2295
55.	.2250	.2427	.2452	.2401	.2332	.2395	.2357	.2372	.2425	.2420	.2392	.2405	.2359	.2370
70.			.2579	.2556	.2573	.2561	.2520	.2572	.2616	.2593	.2593	.2543	.2574	.2567
80.				.2714	.2747	.2720	.2744	.2804	.2773	.2782	.2764	.2772	.2765	.2762
90.		.2677	.2518	.2594	.2559	.2610	.2594	.2666	.2653	.2675	.2679	.2641	.2644	.2638
100.				.1898	.1894	.1976	.1965	.1948	.1938	.1928	.1923	.1937	.1918	.1908
110.			.1567	.1525	.1485	.1582	.1555	.1545	.1571	.1569	.1594	.1552	.1567	.1581
125.	.1391	.1533	.1423	.1412	.1332	.1407	.1419	.1429	.1442	.1436	.1421	.1459	.1422	.1395
140.				.1391	.1434		.1391	.1404	.1423	.1386	.1396	.1376	.1376	.1349
155.		.1535	.1405	.1386	.1363	.1312	.1367	.1401	.1398	.1381	.1363	.1325	.1349	.1325
180.	.1473	.1549	.1150	.1444	.1354	.1320	.1335	.1393	.1414		.1353	.1335	.1300	.1355
						FOR ALPHA = -1.65 DEG								
0.	.2176	.2235	.1911	.2180	.2104	.2080	.2093	.2104	.2116		.2100	.2108	.2095	.2112
25.		.2233	.2159	.2161	.2121	.2104	.2110	.2096	.2109	.2110	.2123	.2082	.2109	.2115
40.				.2193	.2159		.2136	.2138	.2177	.2145	.2149	.2138	.2141	.2145
55.	.2097	.2271	.2269	.2227	.2165	.2229	.2183	.2198	.2250	.2247	.2247	.2247	.2215	.2198
70.			.2423	.2399	.2421	.2399	.2359	.2396	.2445	.2414	.2480	.2389	.2434	.2428
80.				.2611	.2641	.2613	.2636	.2685	.2673	.2658	.2679	.2677	.2673	.2684
90.		.2717	.2570	.2639	.2589	.2643	.2639	.2711	.2700	.2715	.2738	.2693	.2710	.2702
100.				.2092	.2055	.2158	.2135	.2134	.2111	.2104	.2113	.2134	.2100	.2105
110.			.1769	.1744	.1689	.1782	.1733	.1743	.1758	.1748	.1783	.1754	.1772	.1764
125.	.1539	.1700	.1613	.1577	.1497	.1550	.1561	.1578	.1589	.1600	.1600	.1641	.1590	.1551
140.				.1556	.1576		.1527	.1548	.1579	.1545	.1579	.1525	.1533	.1498
155.		.1694	.1580	.1553	.1499	.1446	.1505	.1525	.1547	.1509	.1538	.1470	.1484	.1479
180.	.1614	.1702	.1310	.1601	.1482	.1456	.1477	.1519	.1562		.1522	.1483	.1457	.1503
						FOR ALPHA = -.65 DEG								
0.	.2017	.2087	.1729	.2019	.1940	.1909	.1917	.1931	.1947		.1898	.1913	.1874	.1901
25.		.2084	.1984	.1989	.1955	.1933	.1953	.1933	.1932	.1927	.1910	.1895	.1906	.1878
40.				.2010	.1995		.1967	.1962	.1990	.1968	.1945	.1940	.1933	.1899
55.	.1947	.2108	.2061	.2053	.1986	.2055	.1996	.2032	.2069	.2065	.2042	.2041	.2008	.1983
70.			.2265	.2218	.2236	.2236	.2182	.2224	.2269	.2244	.2228	.2187	.2225	.2221
80.				.2469	.2515	.2500	.2512	.2560	.2545	.2538	.2506	.2504	.2509	.2523
90.		.2739	.2579	.2661	.2617	.2669	.2670	.2738	.2727	.2734	.2743	.2702	.2708	.2720
100.				.2282	.2236	.2323	.2306	.2306	.2283	.2269	.2279	.2289	.2285	.2285
110.			.1960	.1940	.1894	.1962	.1914	.1919	.1944	.1936	.1961	.1938	.1975	.1940
125.	.1714	.1851	.1781	.1765	.1689	.1724	.1731	.1747	.1770	.1758	.1764	.1791	.1750	.1731
140.				.1746	.1756		.1675	.1679	.1731	.1697	.1682	.1682	.1676	.1675
155.		.1834	.1754	.1733	.1663	.1596	.1638	.1672	.1698	.1676	.1658	.1624	.1652	.1634
180.	.1773	.1843	.1470	.1762	.1649	.1587	.1599	.1658	.1702		.1642	.1633	.1609	.1653
						FOR ALPHA = .35 DEG								
0.	.1867	.1954	.1570	.1868	.1777	.1753	.1753	.1765	.1767		.1729	.1745	.1700	.1726
25.		.1944	.1821	.1835	.1794	.1770	.1784	.1758	.1764	.1762	.1757	.1730	.1727	.1704
40.				.1843	.1818		.1800	.1796	.1822	.1798	.1832	.1771	.1750	.1726
55.	.1798	.1961	.1871	.1866	.1818	.1893	.1834	.1870	.1883	.1888	.1871	.1881	.1821	.1794
70.			.2064	.2042	.2048	.2072	.2015	.2051	.2089	.2065	.2084	.2023	.2046	.2025
80.				.2339	.2366	.2369	.2374	.2426	.2409	.2375	.2347	.2361	.2361	.2348
90.		.2750	.2588	.2663	.2619	.2683	.2682	.2749	.2732	.2738	.2749	.2701	.2714	.2715
100.				.2422	.2389	.2485	.2476	.2452	.2433	.2428	.2435	.2437	.2425	.2438
110.			.2153	.2129	.2097	.2155	.2114	.2098	.2128	.2114	.2132	.2088	.2128	.2126
125.	.1889	.2020	.1949	.1946	.1860	.1898	.1908	.1916	.1929	.1946	.1923	.1941	.1907	.1899
140.				.1908	.1945		.1847	.1845	.1880	.1867	.1840	.1832	.1831	.1831
155.		.1993	.1893	.1901	.1842	.1766	.1791	.1819	.1826	.1825	.1810	.1782	.1811	.1797
180.	.1954	.1995	.1612	.1926	.1826	.1764	.1746	.1801	.1855		.1799	.1785	.1778	.1808
						FOR ALPHA = 1.35 DEG								
0.	.1728	.1809	.1421	.1723	.1635	.1603	.1609	.1592	.1606		.1586	.1573	.1529	.1564
25.		.1791	.1667	.1673	.1642	.1621	.1629	.1588	.1604	.1601	.1597	.1557	.1557	.1543
40.				.1671	.1664		.1646	.1624	.1654	.1639	.1676	.1601	.1573	.1573
55.	.1657	.1796	.1719	.1692	.1652	.1721	.1666	.1699	.1705	.1720	.1694	.1687	.1638	.1630
70.			.1876	.1854	.1861	.1879	.1834	.1872	.1896	.1883	.1891	.1822	.1844	.1832
80.				.2182	.2199	.2207	.2226	.2256	.2246	.2216	.2190	.2204	.2173	.2172
90.		.2757	.2569	.2648	.2620	.2667	.2682	.2741	.2726	.2728	.2737	.2695	.2699	.2715
100.				.2554	.2530	.2615	.2619	.2599	.2573	.2560	.2579	.2588	.2588	.2597
110.			.2370	.2294	.2280	.2333	.2281	.2278	.2298	.2282	.2314	.2286	.2320	.2309
125.	.2074	.2197	.2141	.2112	.2043	.2092	.2081	.2090	.2084	.2107	.2094	.2127	.2101	.2086
140.				.2081	.2113		.2010	.2011	.2029	.2015	.2002	.2013	.2018	.2009
155.		.2156	.2056	.2063	.2009	.1950	.1969	.1969	.1983	.1979	.1991	.1957	.1971	.1971
180.	.2138	.2164	.1786	.2086	.1998	.1936	.1910	.1958	.1998		.1982	.1963	.1932	.1976

TABLE IV. - CONTINUED

(A) MACH = 1.70, BETA = -.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.65 DEG								
0.	.2656	.2692	.2626	.2630	.2627	.2660	.2671	.2641	.2640	.2653	.2663	.2646	.2640	0.
25.	.2696	.2696	.2641	.2653	.2655	.2656	.2662	.2640		.2660	.2661	.2709	.2662	25.
40.	.2740	.2722	.2692	.2694	.2639	.2636	.2678	.2663	.2687	.2695	.2672	.2712	.2694	40.
55.	.2750	.2834	.2754	.2737		.2731	.2728	.2753	.2750	.2760	.2761	.2760	.2687	55.
70.	.2920	.2907	.2885	.2833	.2861	.2843	.2852	.2849	.2871	.2917	.2900	.2936	.2828	70.
80.		.2929	.2885	.2932	.2918	.2885	.2900	.2908	.2923	.2950	.2952	.2885	.2854	80.
90.	.2493	.2447	.2439	.2521	.2449	.2404	.2422	.2430	.2444	.2474	.2431	.2417	.2399	90.
100.		.1435	.1457	.1465	.1474	.1449	.1434	.1450	.1478	.1480	.1474	.1472	.1418	100.
110.	.1175	.1131	.1202	.1217	.1172	.1142	.1157	.1152	.1193	.1229	.1210	.1243	.1165	110.
125.	.1062	.1111	.1098	.1161		.1111	.1116	.1111	.1109	.1126	.1129	.1112	.1041	125.
140.	.1116	.1107	.1101	.1170	.1136	.1115	.1113	.1103	.1094	.1098	.1102	.1116	.1090	140.
155.	.1132	.1126	.1127	.1131	.1161	.1136	.1141	.1103		.1105	.1122	.1149	.1092	155.
180.	.1134	.1166	.1127	.1123	.1119	.1169	.1172	.1142	.1120	.1117	.1130	.1108	.1070	180.
						FOR ALPHA = -2.65 DEG								
0.	.2263	.2294	.2251	.2286	.2269	.2293	.2326	.2305	.2263	.2282	.2298	.2274	.2259	0.
25.	.2294	.2290	.2271	.2299	.2289	.2300	.2306	.2277		.2282	.2305	.2333	.2281	25.
40.	.2348	.2319	.2311	.2329	.2296	.2301	.2310	.2314	.2315	.2320	.2313	.2357	.2318	40.
55.	.2368	.2440	.2377	.2373		.2370	.2386	.2398	.2406	.2403	.2408	.2422	.2342	55.
70.	.2595	.2585	.2539	.2506	.2538	.2518	.2538	.2545	.2593	.2604	.2581	.2640	.2538	70.
80.		.2743	.2661	.2720	.2724	.2690	.2722	.2728	.2764	.2781	.2767	.2698	.2664	80.
90.	.2649	.2607	.2576	.2634	.2608	.2584	.2607	.2595	.2604	.2618	.2619	.2575	.2537	90.
100.		.1896	.1834	.1871	.1948	.1909	.1900	.1906	.1882	.1916	.1933	.1892	.1854	100.
110.	.1596	.1545	.1562	.1562	.1612	.1580	.1580	.1555	.1571	.1594	.1577	.1664	.1555	110.
125.	.1413	.1457	.1391	.1412		.1477	.1446	.1440	.1429	.1429	.1429	.1444	.1378	125.
140.	.1416	.1404	.1375	.1387	.1381	.1436	.1427	.1398	.1396	.1382	.1365	.1404	.1379	140.
155.	.1398	.1412	.1397	.1384	.1371	.1408	.1447	.1388		.1369	.1372	.1412	.1385	155.
180.	.1397	.1441	.1404	.1393	.1362	.1366	.1394	.1418	.1387	.1387	.1411	.1384	.1357	180.
						FOR ALPHA = -1.65 DEG								
0.	.2075	.2107	.2092	.2104	.2102	.2131	.2161	.2130	.2095	.2109	.2122	.2104	.2095	0.
25.	.2108	.2116	.2111	.2118	.2126	.2149	.2153	.2108		.2116	.2133	.2158	.2114	25.
40.	.2161	.2143	.2133	.2161	.2138	.2126	.2150	.2149	.2147	.2145	.2143	.2177	.2134	40.
55.	.2178	.2265	.2202	.2213		.2201	.2220	.2241	.2225	.2237	.2237	.2251	.2142	55.
70.	.2431	.2398	.2372	.2363	.2381	.2355	.2379	.2392	.2430	.2445	.2419	.2495	.2366	70.
80.		.2623	.2532	.2606	.2613	.2584	.2606	.2626	.2640	.2673	.2664	.2596	.2551	80.
90.	.2720	.2659	.2616	.2680	.2636	.2641	.2665	.2643	.2659	.2668	.2679	.2612	.2582	90.
100.		.2102	.2032	.2073	.2127	.2116	.2106	.2104	.2055	.2102	.2122	.2085	.2035	100.
110.	.1789	.1757	.1751	.1750	.1754	.1767	.1772	.1746	.1753	.1774	.1765	.1848	.1736	110.
125.	.1589	.1642	.1553	.1583		.1648	.1634	.1624	.1601	.1593	.1580	.1590	.1519	125.
140.	.1573	.1562	.1540	.1539	.1523	.1546	.1592	.1564	.1528	.1531	.1505	.1529	.1518	140.
155.	.1550	.1553	.1547	.1529	.1520	.1527	.1571	.1545		.1515	.1520	.1558	.1525	155.
180.	.1541	.1584	.1543	.1534	.1508	.1509	.1521	.1529	.1539	.1540	.1548	.1539	.1485	180.
						FOR ALPHA = -.65 DEG								
0.	.1901	.1943	.1927	.1938	.1926	.1972	.1993	.1957	.1935	.1952	.1960	.1937	.1916	0.
25.	.1931	.1941	.1944	.1960	.1964	.1978	.1987	.1947		.1952	.1957	.1985	.1946	25.
40.	.1966	.1970	.1963	.1996	.1984	.1976	.1996	.1973	.1972	.1972	.1979	.1995	.1964	40.
55.	.1993	.2080	.2027	.2059		.2037	.2057	.2056	.2056	.2065	.2070	.2071	.1957	55.
70.	.2253	.2232	.2217	.2205	.2195	.2178	.2215	.2240	.2268	.2284	.2249	.2330	.2206	70.
80.		.2476	.2402	.2458	.2478	.2449	.2464	.2513	.2518	.2534	.2526	.2464	.2424	80.
90.	.2722	.2685	.2636	.2700	.2663	.2658	.2705	.2674	.2694	.2715	.2707	.2646	.2606	90.
100.		.2272	.2197	.2251	.2270	.2311	.2287	.2287	.2243	.2290	.2325	.2258	.2182	100.
110.	.1978	.1932	.1965	.1941	.1925	.1975	.1975	.1961	.1947	.1950	.1958	.2025	.1919	110.
125.	.1746	.1821	.1730	.1754		.1767	.1809	.1807	.1770	.1759	.1742	.1746	.1680	125.
140.	.1734	.1735	.1701	.1693	.1684	.1669	.1755	.1737	.1700	.1694	.1678	.1691	.1660	140.
155.	.1703	.1711	.1694	.1693	.1663	.1674	.1679	.1705		.1666	.1669	.1706	.1662	155.
180.	.1693	.1732	.1695	.1689	.1659	.1667	.1668	.1644	.1677	.1686	.1711	.1698	.1653	180.
						FOR ALPHA = .35 DEG								
0.	.1749	.1799	.1782	.1788	.1782	.1824	.1825	.1801	.1779	.1778	.1789	.1778	.1754	0.
25.	.1774	.1802	.1784	.1803	.1809	.1820	.1818	.1778		.1788	.1790	.1832	.1781	25.
40.	.1810	.1814	.1803	.1841	.1813	.1812	.1820	.1811	.1815	.1822	.1811	.1826	.1794	40.
55.	.1822	.1909	.1866	.1876		.1871	.1888	.1892	.1895	.1911	.1904	.1887	.1785	55.
70.	.2072	.2037	.2037	.2040	.2031	.2021	.2063	.2059	.2098	.2110	.2093	.2161	.2016	70.
80.		.2321	.2270	.2317	.2345	.2319	.2328	.2366	.2388	.2387	.2391	.2320	.2274	80.
90.	.2723	.2694	.2660	.2705	.2673	.2658	.2726	.2685	.2709	.2722	.2719	.2652	.2609	90.
100.		.2438	.2373	.2420	.2434	.2454	.2460	.2449	.2410	.2465	.2465	.2415	.2344	100.
110.	.2154	.2106	.2147	.2105	.2099	.2131	.2165	.2146	.2153	.2125	.2122	.2203	.2102	110.
125.	.1927	.1997	.1903	.1940		.1920	.1988	.1991	.1957	.1940	.1909	.1909	.1854	125.
140.	.1908	.1886	.1870	.1864	.1849	.1833	.1861	.1905	.1867	.1856	.1841	.1845	.1830	140.
155.	.1869	.1865	.1855	.1861	.1838	.1840	.1826	.1844		.1832	.1830	.1864	.1822	155.
180.	.1854	.1895	.1849	.1848	.1821	.1819	.1825	.1799	.1796	.1851	.1865	.1845	.1814	180.
						FOR ALPHA = 1.35 DEG								
0.	.1599	.1658	.1625	.1646	.1649	.1658	.1668	.1645	.1631	.1626	.1635	.1618	.1594	0.
25.	.1623	.1647	.1638	.1654	.1665	.1665	.1663	.1627		.1635	.1632	.1669	.1620	25.
40.	.1662	.1652	.1652	.1681	.1658	.1660	.1655	.1652	.1658	.1661	.1648	.1661	.1629	40.
55.	.1656	.1748	.1703	.1706		.1730	.1708	.1722	.1728	.1747	.1742	.1705	.1624	55.
70.	.1882	.1860	.1856	.1853	.1851	.1852	.1885	.1880	.1913	.1935	.1912	.1969	.1831	70.
80.		.2164	.2111	.2147	.2169	.2160	.2173	.2217	.2216	.2224	.2228	.2159	.2110	80.
90.	.2712	.2674	.2649	.2688	.2651	.2646	.2700	.2684	.2696	.2724	.2697	.2627	.2605	90.
100.		.2576	.2523	.2563	.2576	.2556	.2613	.2601	.2557	.2612	.2622	.2560	.2480	100.
110.	.2338	.2286	.2323	.2300	.2280	.2275	.2350	.2313	.2332	.2302	.2295	.2384	.2270	110.
125.	.2101	.2172	.2089	.2115		.2086	.2141	.2166	.2136	.2101	.2071	.2080	.2024	125.
140.	.2082	.2066	.2048	.2032	.2030	.2007	.2013	.2078	.2055	.2026	.2004	.2009	.1986	140.
155.	.2033	.2041	.2029	.2023	.1999	.2009	.2003	.1966		.1996	.1989	.2028	.1979	155.
180.	.2008	.2060	.2018	.2016	.1983	.1988	.1996	.1957	.1944	.2012	.2024	.2012	.1982	180.

TABLE IV. - CONTINUED

(A) MACH = 1.70, BETA = -.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.35 DEG								
0.	.1588	.1664	.1280	.1595	.1510	.1473	.1465	.1444	.1465		.1418	.1422	.1377	.1435
25.		.1649	.1508	.1532	.1504	.1490	.1471	.1447	.1466	.1459	.1437	.1400	.1408	.1407
40.				.1530	.1519		.1470	.1475	.1504	.1494	.1466	.1438	.1426	.1430
55.	.1508	.1647	.1556	.1540	.1493	.1562	.1499	.1531	.1553	.1560	.1527	.1511	.1483	.1472
70.			.1683	.1673	.1671	.1692	.1659	.1694	.1717	.1708	.1701	.1631	.1658	.1653
80.				.2018	.2045	.2032	.2070	.2093	.2081	.2047	.2024	.2026	.1994	.1995
90.		.2731	.2561	.2621	.2593	.2631	.2650	.2706	.2687	.2695	.2711	.2678	.2673	.2682
100.				.2682	.2653	.2730	.2740	.2739	.2693	.2693	.2726	.2737	.2735	.2727
110.			.2556	.2468	.2448	.2521	.2466	.2475	.2472	.2452	.2500	.2467	.2514	.2510
125.	.2239	.2383	.2345	.2301	.2212	.2308	.2266	.2276	.2264	.2276	.2289	.2332	.2298	.2285
140.				.2256	.2288		.2192	.2184	.2198	.2180	.2201	.2222	.2217	.2229
155.		.2343	.2232	.2228	.2194	.2131	.2161	.2142	.2148	.2147	.2182	.2153	.2167	.2193
180.	.2315	.2334	.1997	.2234	.2182	.2119	.2101	.2123	.2168		.2162	.2154	.2122	.2184
						FOR ALPHA = 3.35 DEG								
0.	.1434	.1512	.1141	.1470	.1378	.1313	.1307	.1303	.1320		.1282	.1279	.1249	.1301
25.		.1498	.1346	.1406	.1381	.1326	.1310	.1312	.1328	.1302	.1279	.1253	.1279	.1265
40.				.1387	.1388		.1311	.1329	.1371	.1330	.1302	.1281	.1298	.1291
55.	.1339	.1477	.1376	.1395	.1352	.1374	.1326	.1373	.1406	.1377	.1331	.1340	.1327	.1316
70.			.1498	.1473	.1498	.1478	.1464	.1492	.1547	.1502	.1466	.1430	.1480	.1475
80.				.1831	.1886	.1841	.1872	.1888	.1886	.1857	.1801	.1823	.1806	.1795
90.		.2683	.2513	.2586	.2566	.2575	.2583	.2661	.2636	.2648	.2639	.2603	.2612	.2622
100.				.2797	.2774	.2820	.2845	.2841	.2786	.2803	.2809	.2816	.2819	.2837
110.			.2728	.2642	.2616	.2687	.2632	.2647	.2626	.2613	.2636	.2619	.2648	.2657
125.	.2415	.2565	.2534	.2484	.2376	.2505	.2458	.2466	.2443	.2441	.2434	.2480	.2452	.2432
140.				.2440	.2460		.2393	.2370	.2377	.2343	.2344	.2369	.2399	.2358
155.		.2512	.2425	.2406	.2377	.2329	.2365	.2319	.2313	.2315	.2337	.2315	.2360	.2323
180.	.2505	.2510	.2214	.2409	.2357	.2305	.2293	.2301	.2335		.2328	.2319	.2311	.2337
						FOR ALPHA = 5.35 DEG								
0.	.1171	.1236	.0908	.1209	.1105	.1067	.1042	.1021	.1048		.1032	.1032	.1009	.1065
25.		.1237	.0997	.1131	.1115	.1055	.1039	.1041	.1057	.1034	.1010	.1015	.1025	.1021
40.				.1109	.1114		.1030	.1052	.1074	.1033	.1017	.1019	.1015	.1009
55.	.1042	.1140	.1050	.1086	.1030	.1050	.1015	.1062	.1052	.1034	.1015	.1034	.1007	.1008
70.			.1114	.1069	.1059	.1088	.1100	.1112	.1094	.1053	.1074	.1039	.1053	.1090
80.				.1466	.1437	.1427	.1483	.1483	.1433	.1393	.1347	.1372	.1359	.1363
90.		.2579	.2432	.2461	.2398	.2424	.2452	.2492	.2469	.2471	.2480	.2438	.2454	.2444
100.				.2952	.3023	.2964	.3048	.3023	.2976	.2998	.3015	.3020	.3056	.3043
110.			.3003	.2955	.3011	.2988	.2979	.2993	.2951	.2926	.2987	.2956	.2998	.3010
125.	.2761	.2957	.2675	.2862	.2779	.2861	.2833	.2833	.2818	.2792	.2840	.2870	.2857	.2846
140.				.2834	.2843		.2770	.2752	.2765	.2712	.2749	.2785	.2787	.2767
155.		.2913	.2828	.2780	.2745	.2748	.2739	.2712	.2715	.2677	.2730	.2718	.2742	.2733
180.	.2884	.2895	.2701	.2789	.2734	.2703	.2694	.2688	.2732		.2732	.2720	.2692	.2777
						FOR ALPHA = 10.35 DEG								
0.	.0553	.0571	.0387	.0591	.0541	.0517	.0536	.0547	.0581		.0525	.0514	.0483	.0540
25.		.0548	.0327	.0562	.0530	.0481	.0494	.0498	.0521	.0499	.0483	.0454	.0435	.0482
40.				.0463	.0473		.0442	.0444	.0469	.0447	.0404	.0431	.0387	.0435
55.	.0291	.0496	.0209	.0255	.0279	.0320	.0278	.0282	.0292	.0305	.0282	.0288	.0290	.0275
70.			-.0120	-.0140	-.0117	-.0083	-.0086	-.0066	-.0053	-.0056	-.0024	-.0043	-.0081	-.0048
80.				.0176	.0164	.0104	.0061	.0024	.0030	-.0006	-.0033	-.0023	-.0095	-.0135
90.		.2000	.1927	.1862	.1835	.1855	.1765	.1771	.1794	.1823	.1807	.1743	.1706	.1679
100.				.3312	.3293	.3172	.3314	.3290	.3251	.3280	.3290	.3244	.3305	.3263
110.			.3838	.3800	.3795	.3729	.3731	.3763	.3723	.3715	.3783	.3728	.3738	.3752
125.	.3661	.3913	.3678	.3930	.3802	.3821	.3790	.3813	.3802	.3832	.3860	.3904	.3853	.3835
140.				.3926	.3947		.3805	.3809	.3824	.3802	.3839	.3875	.3865	.3828
155.		.3933	.3866	.3868	.3862	.3807	.3795	.3798	.3787	.3793	.3839	.3834	.3846	.3845
180.	.3972	.3905	.3833	.3879	.3822	.3783	.3770	.3797	.3836		.3866	.3865	.3809	.3877
						FOR ALPHA = 15.35 DEG								
0.	.0175	.0256	-.0005	.0124	.0086	.0095	.0101	.0122	.0157		.0094	.0098	.0067	.0042
25.		.0156	.0206	.0068	.0005	-.0073	-.0057	-.0042	.0019	.0014	-.0007	-.0020	-.0000	-.0014
40.				-.0133	-.0102		-.0054	-.0051	-.0041	-.0118	-.0167	-.0161	-.0147	-.0159
55.	-.0332	-.0361	-.0521	-.0480	-.0599	-.0649	-.0617	-.0484	-.0461	-.0455	-.0436	-.0420	-.0410	-.0418
70.			-.1206	-.1237	-.1230	-.1290	-.1383	-.1453	-.1550	-.1637	-.1704	-.1781	-.1739	-.1753
80.				-.1180	-.1318	-.1468	-.1565	-.1602	-.1695	-.1787	-.1830	-.1841	-.1901	-.1952
90.		.1312	.1260	.1178	.1142	.1165	.1003	.1013	.1050	.1056	.1030	.0975	.0923	.0872
100.				.3539	.3503	.3323	.3484	.3417	.3401	.3446	.3465	.3395	.3469	.3386
110.			.4650	.4631	.4589	.4539	.4502	.4535	.4522	.4531	.4531	.4520	.4529	.4537
125.	.4760	.5050	.4952	.5047	.4895	.4967	.4964	.4957	.4949	.4988	.4979	.4971	.4954	.4954
140.				.5119	.5132		.5094	.5100	.5091	.5061	.5044	.5031	.5058	.5033
155.		.5230	.5127	.5109	.5111	.5112	.5138	.5123	.5106	.5090	.5103	.5070	.5059	.5046
180.	.5298	.5263	.5079	.5137	.5117	.5132	.5136	.5141	.5186		.5120	.5130	.5062	.5150
						FOR ALPHA = 20.35 DEG								
0.	-.0208	-.0129	-.0500	-.0322	-.0302	-.0301	-.0284	-.0254	-.0204		-.0297	-.0281	-.0272	-.0196
25.		-.0158	-.0034	-.0470	-.0485	-.0598	-.0577	-.0507	-.0422	-.0393	-.0368	-.0343	-.0314	-.0233
40.				-.1227	-.0756		-.0450	-.0416	-.0507	-.0599	-.0675	-.0781	-.0820	-.0801
55.	-.1260	-.1600	-.1497	-.1747	-.2588	-.2524	-.2467	-.2438	-.2436	-.2418	-.2392	-.2328	-.2286	-.2386
70.			-.2090	-.2193	-.2217	-.2251	-.2272	-.2268	-.2274	-.2282	-.2263	-.2259	-.2263	-.2349
80.				-.2324	-.2379	-.2384	-.2410	-.2454	-.2515	-.2554	-.2564	-.2503	-.2557	-.2622
90.		.3746	.0506	.0518	.0479	.0557	.0404	.0355	.0404	.0452	.0465	.0516	.0379	.0319
100.				.3640	.3612	.3328	.3621	.3599	.3552	.3607	.3607	.3726	.3706	.3592
110.			.5407	.5435	.5362	.5309	.5297	.5374	.5353	.5377	.5380	.5408	.5477	.5360
125.	.6010	.6363	.6019	.6270	.6086	.6198	.6167	.6153	.6205	.6206	.6190	.6190	.6236	.6219
140.				.6479	.6496		.6456	.6416	.6466	.6439	.6437	.6404	.6445	.6467
155.		.6737	.6471	.6512	.6538	.6572	.6550	.6522	.6519	.6526	.6536	.6468	.6511	.6479
180.	.6797	.6757	.6499	.6572	.6569	.6600	.6560	.6594	.6628		.6606	.6536	.6512	.6577

TABLE IV. - CONTINUED

(A) MACH = 1.70, BETA = -.01 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.35 DEG								
0.	.1473	.1528	.1495	.1519	.1509	.1517	.1522	.1509	.1476	.1483	.1494	.1471	.1449	0.
25.	.1491	.1513	.1514	.1529	.1524	.1519	.1523	.1490		.1475	.1489	.1514	.1478	25.
40.	.1517	.1514	.1512	.1546	.1513	.1508	.1518	.1519	.1514	.1502	.1495	.1510	.1481	40.
55.	.1506	.1597	.1546	.1552		.1546	.1551	.1565	.1583	.1586	.1572	.1535	.1477	55.
70.	.1701	.1689	.1684	.1695	.1682	.1674	.1706	.1706	.1739	.1762	.1743	.1774	.1644	70.
80.		.1967	.1947	.1968	.1999	.1984	.2018	.2046	.2049	.2064	.2039	.1989	.1944	80.
90.	.2682	.2630	.2617	.2654	.2613	.2609	.2674	.2664	.2671	.2705	.2650	.2593	.2570	90.
100.		.2701	.2649	.2684	.2703	.2678	.2756	.2734	.2690	.2736	.2735	.2673	.2611	100.
110.	.2497	.2449	.2494	.2465	.2462	.2442	.2529	.2498	.2509	.2482	.2460	.2549	.2436	110.
125.	.2277	.2345	.2256	.2298		.2263	.2283	.2343	.2321	.2289	.2254	.2257	.2195	125.
140.	.2256	.2232	.2221	.2218	.2199	.2180	.2186	.2236	.2241	.2205	.2177	.2192	.2157	140.
155.	.2210	.2223	.2200	.2203	.2175	.2185	.2166	.2135		.2173	.2160	.2197	.2154	155.
180.	.2185	.2250	.2197	.2191	.2156	.2152	.2164	.2137	.2107	.2172	.2203	.2177	.2151	180.
						FOR ALPHA = 3.35 DEG								
0.	.1340	.1389	.1383	.1380	.1350	.1375	.1399	.1367	.1327	.1341	.1353	.1327	.1303	0.
25.	.1347	.1376	.1385	.1395	.1362	.1371	.1391	.1348		.1338	.1348	.1381	.1325	25.
40.	.1350	.1376	.1391	.1402	.1348	.1361	.1380	.1372	.1352	.1348	.1343	.1367	.1329	40.
55.	.1340	.1439	.1384	.1402		.1393	.1395	.1418	.1418	.1415	.1401	.1381	.1323	55.
70.	.1512	.1487	.1504	.1511	.1498	.1483	.1514	.1526	.1556	.1566	.1557	.1567	.1454	70.
80.		.1783	.1753	.1780	.1794	.1806	.1821	.1863	.1849	.1852	.1838	.1816	.1753	80.
90.	.2609	.2572	.2573	.2606	.2577	.2556	.2605	.2605	.2624	.2645	.2575	.2549	.2519	90.
100.		.2823	.2777	.2793	.2822	.2798	.2874	.2832	.2816	.2840	.2846	.2767	.2718	100.
110.	.2654	.2630	.2656	.2622	.2631	.2624	.2705	.2660	.2670	.2645	.2614	.2690	.2579	110.
125.	.2460	.2516	.2435	.2481		.2459	.2472	.2519	.2502	.2463	.2419	.2424	.2365	125.
140.	.2429	.2422	.2401	.2403	.2376	.2372	.2368	.2391	.2420	.2391	.2355	.2365	.2333	140.
155.	.2375	.2401	.2380	.2371	.2356	.2357	.2350	.2308		.2365	.2339	.2373	.2327	155.
180.	.2353	.2420	.2368	.2363	.2331	.2333	.2342	.2320	.2276	.2358	.2380	.2344	.2324	180.
						FOR ALPHA = 5.35 DEG								
0.	.1116	.1153	.1112	.1116	.1114	.1120	.1114	.1103	.1083	.1068	.1075	.1062	.1056	0.
25.	.1122	.1140	.1122	.1119	.1101	.1117	.1111	.1075		.1078	.1082	.1104	.1063	25.
40.	.1107	.1127	.1107	.1103	.1084	.1091	.1095	.1076	.1076	.1065	.1064	.1089	.1056	40.
55.	.1056	.1147	.1063	.1084		.1088	.1097	.1099	.1088	.1091	.1081	.1065	.0996	55.
70.	.1143	.1071	.1123	.1131	.1115	.1089	.1135	.1145	.1189	.1156	.1169	.1118	.1071	70.
80.		.1344	.1313	.1341	.1380	.1391	.1392	.1428	.1383	.1458	.1347	.1361	.1305	80.
90.	.2440	.2419	.2412	.2455	.2414	.2398	.2452	.2459	.2439	.2464	.2372	.2385	.2336	90.
100.		.2988	.2963	.3003	.2994	.3005	.3080	.3009	.3019	.3067	.2966	.2940	.2891	100.
110.	.2963	.2955	.2981	.2953	.2959	.2951	.3023	.2989	.2968	.2993	.2957	.2980	.2891	110.
125.	.2823	.2878	.2820	.2859		.2832	.2839	.2890	.2869	.2836	.2802	.2795	.2742	125.
140.	.2813	.2807	.2777	.2784	.2750	.2743	.2756	.2781	.2797	.2772	.2720	.2733	.2719	140.
155.	.2773	.2793	.2770	.2753	.2733	.2727	.2732	.2702		.2747	.2724	.2757	.2712	155.
180.	.2750	.2805	.2751	.2751	.2709	.2709	.2720	.2687	.2665	.2742	.2765	.2729	.2695	180.
						FOR ALPHA = 10.35 DEG								
0.	.0570	.0615	.0574	.0573	.0550	.0533	.0530	.0526	.0520	.0527	.0537	.0545	.0544	0.
25.	.0551	.0545	.0521	.0514	.0510	.0527	.0524	.0495		.0512	.0512	.0544	.0490	25.
40.	.0488	.0467	.0442	.0450	.0440	.0447	.0461	.0462	.0465	.0468	.0467	.0425	.0376	40.
55.	.0303	.0351	.0292	.0316		.0307	.0317	.0323	.0343	.0349	.0312	.0277	.0210	55.
70.	-.0010	-.0023	.0029	.0036	.0008	-.0014	-.0007	.0020	-.0018	-.0016	-.0024	.0022	-.0028	70.
80.		-.0124	-.0151	-.0133	-.0108	-.0083	-.0059	-.0087	-.0138	-.0091	-.0099	-.0098	-.0123	80.
90.	.1683	.1712	.1720	.1770	.1722	.1700	.1787	.1724	.1626	.1645	.1645	.1630	.1617	90.
100.		.3283	.3285	.3284	.3281	.3313	.3334	.3311	.3205	.3241	.3212	.3222	.3163	100.
110.	.3713	.3714	.3766	.3754	.3765	.3750	.3737	.3744	.3791	.3694	.3666	.3720	.3669	110.
125.	.3803	.3858	.3799	.3861		.3882	.3876	.3857	.3821	.3855	.3835	.3757	.3679	125.
140.	.3894	.3871	.3805	.3813	.3788	.3825	.3900	.3857	.3796	.3786	.3792	.3843	.3792	140.
155.	.3873	.3871	.3809	.3795	.3788	.3821	.3913	.3853		.3768	.3784	.3856	.3806	155.
180.	.3847	.3874	.3807	.3813	.3795	.3813	.3802	.3845	.3770	.3786	.3822	.3790	.3767	180.
						FOR ALPHA = 15.35 DEG								
0.	.0097	.0148	.0125	.0136	.0137	.0157	.0170	.0158	.0180	.0175	.0184	.0208	.0199	0.
25.	.0033	.0024	.0027	.0026	.0012	.0032	.0066	.0003		-.0012	-.0002	.0043	.0013	25.
40.	-.0094	-.0089	-.0097	-.0097	-.0094	-.0071	-.0106	-.0111	-.0113	-.0093	-.0089	-.0071	-.0089	40.
55.	-.0378	-.0326	-.0355	-.0340		-.0414	-.0418	-.0410	-.0405	-.0369	-.0367	-.0348	-.0376	55.
70.	-.1705	-.1646	-.1596	-.1509	-.1543	-.1495	-.1446	-.1444	-.1403	-.1358	-.1338	-.1264	-.1318	70.
80.		-.2003	-.2021	-.2076	-.2125	-.2113	-.2120	-.2128	-.2122	-.2155	-.2136	-.2198	-.2216	80.
90.	.0873	.0962	.1037	.0968	.0877	.0798	.0848	.0887	.0858	.0852	.0903	.0811	.0790	90.
100.		.3459	.3637	.3484	.3353	.3368	.3435	.3380	.3345	.3378	.3372	.3414	.3216	100.
110.	.4504	.4514	.4666	.4671	.4533	.4436	.4467	.4470	.4481	.4492	.4454	.4450	.4449	110.
125.	.4943	.5002	.4912	.5055		.4949	.4916	.4926	.4905	.4925	.4942	.4886	.4726	125.
140.	.5128	.5113	.5056	.5093	.5083	.5091	.5046	.4991	.5024	.5039	.5018	.5042	.4937	140.
155.	.5139	.5142	.5091	.5107	.5102	.5137	.5111	.5064		.5050	.5098	.5105	.5006	155.
180.	.5132	.5155	.5098	.5097	.5105	.5117	.5116	.5128	.5081	.5082	.5111	.5085	.5051	180.
						FOR ALPHA = 20.35 DEG								
0.	-.0165	-.0115	-.0198	-.0230	-.0212	-.0160	-.0167	-.0226	-.0246	-.0233	-.0205	-.0174	-.0185	0.
25.	-.0178	-.0251	-.0260	-.0239	-.0252	-.0230	-.0188	-.0203		-.0187	-.0196	-.0160	-.0201	25.
40.	-.0922	-.0919	-.0954	-.0961	-.0997	-.0997	-.1055	-.1069	-.1067	-.1011	-.1028	-.1013	-.1075	40.
55.	-.2444	-.2411	-.2390	-.2377		-.2451	-.2416	-.2363	-.2422	-.2410	-.2419	-.2473	-.2488	55.
70.	-.2337	-.2332	-.2314	-.2320	-.2314	-.2292	-.2262	-.2206	-.2243	-.2243	-.2246	-.2265	-.2255	70.
80.		-.2633	-.2616	-.2604	-.2587	-.2564	-.2609	-.2646	-.2683	-.2712	-.2728	-.2750	-.2817	80.
90.	.0323	.0380	.0376	.0401	.0379	.0350	.0298	.0348	.0360	.0308	.0305	.0282	.0278	90.
100.		.3698	.3721	.3610	.3592	.3605	.3671	.3547	.3549	.3604	.3570	.3541	.3473	100.
110.	.5389	.5422	.5376	.5342	.5373	.5322	.5346	.5411	.5273	.5334	.5287	.5290	.5207	110.
125.	.6217	.6247	.6153	.6203		.6161	.6193	.6204	.6190	.6134	.6040	.6083	.5919	125.
140.	.6571	.6510	.6424	.6414	.6412	.6405	.6428	.6387	.6408	.6443	.6324	.6300	.6217	140.
155.	.6628	.6602	.6532	.6529	.6492	.6502	.6559	.6482		.6489	.6492	.6439	.6305	155.
180.	.6632	.6641	.6621	.6583	.6554	.6568	.6552	.6518	.6489	.6522	.6557	.6478	.6411	180.

TABLE IV. - CONTINUED

(B) MACH = 1.70, BETA = 1.01 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -4.65 DEG							
0.	.2724	.2712	.2545	.2678	.2646	.2633	.2621	.2634	.2696		.2656	.2632	.2597	.2671
25.		.2730	.2650	.2663	.2631	.2625	.2655	.2669	.2662	.2629	.2670	.2674	.2590	.2587
40.				.2684	.2639		.2669	.2697	.2682	.2644	.2676	.2710	.2618	.2606
55.	.2531	.2717	.2713	.2707	.2598	.2681	.2705	.2725	.2687	.2699	.2731	.2738	.2669	.2659
70.			.2757	.2764	.2757	.2781	.2798	.2791	.2775	.2788	.2815	.2758	.2781	.2801
80.				.2737	.2737	.2746	.2823	.2781	.2761	.2812	.2809	.2773	.2816	.2777
90.		.2371	.2268	.2322	.2275	.2317	.2292	.2313	.2322	.2356	.2346	.2319	.2326	.2261
100.				.1484	.1493	.1471	.1449	.1427	.1454	.1416	.1395	.1428	.1417	.1382
110.			.1145	.1143	.1136	.1152	.1107	.1093	.1157	.1137	.1155	.1115	.1137	.1189
125.	.1069	.1209	.1051	.1127	.1078	.1096	.1077	.1082	.1115	.1112	.1143	.1104	.1080	.1054
140.				.1123	.1137		.1107	.1102	.1129	.1100	.1088	.1067	.1071	.1041
155.		.1246	.1005	.1136	.1130	.1099	.1119	.1115	.1124	.1091	.1094	.1052	.1065	.1038
180.	.1171	.1238	.0894	.1196	.1130	.1096	.1101	.1092	.1116		.1093	.1075	.1056	.1094
205.		.1223	.1096	.1140	.1153	.1073	.1078	.1068	.1114	.1096	.1072	.1052	.1064	.1068
220.				.1122	.1200		.1057	.1087	.1140	.1092	.1054	.1061	.1065	.1061
235.	.1039	.1188	.1071	.1121	.1060	.1100	.1037	.1116	.1128	.1109	.1084	.1103	.1080	.1077
250.			.1186	.1163	.1157	.1166	.1160	.1190	.1213	.1191	.1198	.1185	.1202	.1204
260.				.1664	.1637	.1590	.1659	.1671	.1637	.1609	.1575	.1632	.1588	.1583
270.		.2736	.2617	.2689	.2615	.2616	.2657	.2694	.2694	.2732	.2706	.2698	.2692	.2691
280.				.3102	.3089	.3058	.3135	.3100	.3086	.3175	.3138	.3124	.3160	.3162
290.			.2997	.3013	.3011	.2986	.2996	.2970	.2993	.3012	.3088	.3006	.3048	.3039
305.	.2649	.2827	.2820	.2840	.2763	.2824	.2793	.2826	.2788	.2807	.2868	.2897	.2843	.2827
320.				.2772	.2745		.2709	.2727	.2716	.2697	.2754	.2771	.2748	.2713
335.		.2745	.2701	.2710	.2696	.2666	.2662	.2671	.2662	.2672	.2676	.2688	.2691	.2663
							FOR ALPHA = -2.65 DEG							
0.	.2347	.2378	.2070	.2333	.2287	.2250	.2245	.2259	.2323		.2268	.2237	.2210	.2270
25.		.2384	.2278	.2318	.2285	.2247	.2266	.2286	.2301	.2273	.2258	.2253	.2220	.2215
40.				.2351	.2310		.2300	.2329	.2331	.2282	.2269	.2254	.2249	.2239
55.	.2206	.2377	.2400	.2365	.2279	.2336	.2342	.2367	.2350	.2357	.2335	.2331	.2309	.2302
70.			.2453	.2476	.2475	.2469	.2492	.2466	.2486	.2474	.2475	.2433	.2475	.2480
80.				.2581	.2576	.2601	.2656	.2611	.2601	.2609	.2608	.2618	.2624	.2629
90.		.2503	.2360	.2456	.2455	.2492	.2460	.2459	.2467	.2489	.2495	.2448	.2455	.2415
100.														
110.														
125.														
140.														
155.														
180.	.1436	.1510	.1191	.1433	.1386	.1360	.1358	.1336	.1360		.1377	.1373	.1351	.1401
205.		.1504	.1410	.1368	.1394	.1366	.1378	.1342	.1375	.1371	.1387	.1368	.1357	.1367
220.				.1380	.1457		.1369	.1380	.1427	.1394	.1390	.1394	.1391	.1390
235.	.1374	.1535	.1432	.1428	.1364	.1434	.1378	.1455	.1456	.1459	.1476	.1473	.1458	.1449
250.			.1633	.1587	.1556	.1583	.1545	.1617	.1644	.1630	.1659	.1619	.1667	.1649
260.				.2043	.2023	.2006	.2049	.2081	.2064	.2055	.2053	.2096	.2076	.2037
270.		.2860	.2692	.2804	.2750	.2734	.2782	.2834	.2826	.2883	.2894	.2857	.2845	.2829
280.				.2885	.2884	.2885	.2928	.2889	.2872	.2944	.2934	.2937	.2925	.2925
290.			.2678	.2658	.2676	.2667	.2638	.2628	.2648	.2664	.2713	.2653	.2692	.2683
305.	.2314	.2466	.2465	.2454	.2396	.2438	.2418	.2445	.2432	.2432	.2454	.2483	.2450	.2432
320.				.2392	.2384		.2328	.2338	.2357	.2311	.2377	.2351	.2343	.2333
335.		.2397	.2320	.2346	.2333	.2294	.2282	.2286	.2288	.2276	.2290	.2264	.2288	.2284
							FOR ALPHA = -1.65 DEG							
0.	.2183	.2209	.1888	.2178	.2121	.2081	.2071	.2088	.2137		.2090	.2067	.2050	.2093
25.		.2222	.2092	.2154	.2111	.2079	.2085	.2114	.2126	.2103	.2100	.2100	.2065	.2047
40.				.2183	.2133		.2123	.2140	.2153	.2125	.2102	.2100	.2112	.2075
55.	.2052	.2217	.2235	.2207	.2110	.2169	.2175	.2188	.2175	.2184	.2180	.2198	.2167	.2152
70.			.2303	.2315	.2311	.2328	.2322	.2314	.2329	.2316	.2344	.2305	.2334	.2354
80.				.2477	.2464	.2508	.2554	.2533	.2503	.2498	.2513	.2542	.2548	.2561
90.		.2534	.2408	.2518	.2465	.2508	.2510	.2533	.2536	.2545	.2565	.2524	.2532	.2534
100.				.2087	.2065	.2066	.2056	.2048	.2037	.2027	.2010	.2011	.2000	.2038
110.			.1740	.1788	.1750	.1749	.1699	.1689	.1729	.1710	.1717	.1680	.1729	.1756
125.	.1559	.1707	.1586	.1639	.1574	.1594	.1568	.1563	.1573	.1583	.1584	.1614	.1585	.1567
140.				.1595	.1594		.1539	.1535	.1541	.1537	.1538	.1549	.1543	.1510
155.		.1732	.1541	.1587	.1572	.1522	.1524	.1518	.1529	.1524	.1534	.1513	.1519	.1495
180.	.1629	.1700	.1320	.1598	.1530	.1498	.1495	.1504	.1533		.1510	.1501	.1486	.1531
205.		.1659	.1590	.1531	.1533	.1498	.1514	.1498	.1518	.1520	.1507	.1492	.1506	.1485
220.				.1560	.1622		.1517	.1523	.1587	.1543	.1524	.1530	.1531	.1516
235.	.1561	.1696	.1622	.1616	.1533	.1586	.1541	.1619	.1647	.1625	.1613	.1615	.1605	.1615
250.			.1844	.1797	.1773	.1766	.1725	.1802	.1843	.1826	.1835	.1780	.1834	.1836
260.				.2244	.2234	.2180	.2214	.2246	.2268	.2255	.2217	.2239	.2239	.2225
270.		.2905	.2743	.2835	.2784	.2775	.2830	.2868	.2873	.2924	.2918	.2886	.2877	.2865
280.				.2775	.2755	.2756	.2791	.2781	.2768	.2826	.2813	.2824	.2790	.2808
290.			.2520	.2491	.2485	.2480	.2451	.2468	.2478	.2494	.2528	.2470	.2509	.2492
305.	.2157	.2291	.2273	.2283	.2213	.2254	.2218	.2276	.2255	.2241	.2261	.2293	.2271	.2247
320.				.2217	.2199		.2144	.2165	.2177	.2125	.2126	.2167	.2165	.2187
335.		.2216	.2155	.2180	.2144	.2106	.2106	.2119	.2118	.2100	.2089	.2087	.2108	.2090

TABLE IV. - CONTINUED

(B) MACH = 1.70, BETA = 1.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.65 DEG								
0.	.2660	.2693	.2632	.2638	.2617	.2625	.2656	.2660	.2641	.2644	.2656	.2654	.2638	0.
25.	.2680	.2677	.2636	.2609	.2570	.2602	.2620	.2604		.2637	.2637	.2689	.2658	25.
40.	.2689	.2691	.2629	.2583	.2580	.2616	.2615	.2617	.2634	.2651	.2639	.2674	.2652	40.
55.	.2685	.2716	.2590	.2653		.2652	.2657	.2670	.2682	.2711	.2706	.2692	.2599	55.
70.	.2751	.2699	.2765	.2728	.2734	.2704	.2739	.2736	.2765	.2810	.2754	.2749	.2712	70.
80.		.2742	.2746	.2754	.2723	.2710	.2757	.2739	.2777	.2751	.2695	.2725	.2686	80.
90.	.2249	.2297	.2296	.2316	.2243	.2204	.2249	.2260	.2289	.2210	.2237	.2259	.2212	90.
100.		.1426	.1346	.1361	.1366	.1337	.1336	.1398	.1426	.1373	.1356	.1393	.1306	100.
110.	.1141	.1147	.1166	.1171	.1114	.1100	.1111	.1127	.1162	.1214	.1132	.1177	.1111	110.
125.	.1098	.1139	.1089	.1105		.1092	.1073	.1092	.1099	.1141	.1134	.1109	.0983	125.
140.	.1122	.1138	.1134	.1103	.1073	.1102	.1106	.1106	.1088	.1103	.1094	.1110	.1077	140.
155.	.1119	.1133	.1157	.1129	.1107	.1121	.1120	.1087		.1105	.1107	.1139	.1092	155.
180.	.1119	.1144	.1129	.1149	.1136	.1129	.1155	.1151	.1117	.1114	.1118	.1105	.1071	180.
205.	.1156	.1159	.1129	.1125	.1105	.1190	.1181	.1129		.1107	.1121	.1141	.1082	205.
220.	.1140	.1141	.1116	.1129	.1134	.1151	.1135	.1119	.1107	.1097	.1100	.1120	.1070	220.
235.	.1092	.1157	.1093	.1152		.1150	.1132	.1127	.1114	.1124	.1122	.1106	.1044	235.
250.	.1207	.1171	.1216	.1269	.1261	.1203	.1208	.1194	.1206	.1235	.1252	.1279	.1266	250.
260.		.1545	.1513	.1555	.1604	.1566	.1551	.1549	.1527	.1565	.1559	.1653	.1526	260.
270.	.2669	.2689	.2670	.2657	.2642	.2611	.2643	.2618	.2606	.2639	.2653	.2682	.2569	270.
280.		.3144	.3171	.3097	.3053	.3072	.3092	.3067	.3072	.3113	.3106	.3127	.3064	280.
290.	.3036	.3005	.3081	.3038	.2955	.2937	.3003	.2980	.3001	.3008	.3002	.3056	.3017	290.
305.	.2812	.2883	.2801	.2842		.2803	.2803	.2830	.2823	.2845	.2815	.2802	.2743	305.
320.	.2776	.2764	.2722	.2719	.2713	.2750	.2743	.2711	.2732	.2731	.2725	.2735	.2702	320.
335.	.2727	.2718	.2678	.2667	.2661	.2708	.2746	.2679		.2682	.2682	.2716	.2661	335.
						FOR ALPHA = -2.65 DEG								
0.	.2268	.2285	.2256	.2277	.2262	.2282	.2301	.2306	.2279	.2271	.2296	.2281	.2258	0.
25.	.2280	.2280	.2264	.2243	.2226	.2258	.2280	.2264		.2274	.2293	.2339	.2277	25.
40.	.2300	.2305	.2262	.2226	.2234	.2256	.2272	.2293	.2281	.2284	.2294	.2338	.2285	40.
55.	.2323	.2353	.2228	.2315		.2310	.2323	.2355	.2349	.2369	.2355	.2363	.2265	55.
70.	.2472	.2372	.2433	.2433	.2431	.2415	.2450	.2453	.2504	.2516	.2466	.2455	.2409	70.
80.		.2560	.2546	.2569	.2550	.2547	.2574	.2595	.2615	.2609	.2519	.2559	.2493	80.
90.	.2361	.2412	.2420	.2443	.2379	.2355	.2408	.2380	.2418	.2344	.2374	.2374	.2321	90.
100.														100.
110.														110.
125.														125.
140.														140.
155.														155.
180.	.1397	.1426	.1400	.1407	.1375	.1367	.1382	.1397	.1430	.1434	.1406	.1363	.1342	180.
205.	.1438	.1438	.1410	.1406	.1372	.1394	.1423	.1422		.1391	.1402	.1426	.1377	205.
220.	.1444	.1435	.1418	.1418	.1386	.1405	.1457	.1430	.1410	.1397	.1391	.1395	.1385	220.
235.	.1424	.1499	.1434	.1458		.1492	.1511	.1475	.1463	.1451	.1434	.1441	.1389	235.
250.	.1642	.1623	.1637	.1628	.1589	.1658	.1670	.1625	.1641	.1637	.1626	.1681	.1683	250.
260.		.2025	.1995	.1960	.1989	.2042	.2027	.2050	.1989	.1996	.2023	.2086	.1968	260.
270.	.2844	.2837	.2839	.2789	.2752	.2763	.2811	.2787	.2778	.2788	.2816	.2861	.2727	270.
280.		.2927	.2931	.2884	.2856	.2860	.2880	.2883	.2877	.2917	.2904	.2916	.2892	280.
290.	.2699	.2648	.2720	.2706	.2620	.2628	.2655	.2655	.2700	.2682	.2668	.2730	.2678	290.
305.	.2422	.2484	.2414	.2479		.2457	.2434	.2467	.2474	.2471	.2443	.2450	.2381	305.
320.	.2384	.2354	.2328	.2353	.2362	.2381	.2394	.2356	.2349	.2359	.2341	.2373	.2329	320.
335.	.2329	.2310	.2285	.2297	.2307	.2340	.2382	.2338		.2303	.2305	.2338	.2284	335.
						FOR ALPHA = -1.65 DEG								
0.	.2073	.2113	.2088	.2107	.2102	.2118	.2139	.2119	.2099	.2107	.2127	.2107	.2091	0.
25.	.2093	.2117	.2092	.2090	.2078	.2099	.2114	.2078		.2098	.2120	.2153	.2104	25.
40.	.2129	.2130	.2096	.2065	.2068	.2090	.2116	.2114	.2114	.2120	.2136	.2158	.2099	40.
55.	.2148	.2184	.2068	.2141		.2145	.2156	.2189	.2187	.2194	.2197	.2193	.2087	55.
70.	.2311	.2206	.2281	.2268	.2279	.2265	.2296	.2306	.2355	.2355	.2321	.2306	.2259	70.
80.		.2449	.2430	.2455	.2457	.2438	.2470	.2506	.2524	.2523	.2423	.2445	.2389	80.
90.	.2450	.2491	.2479	.2513	.2487	.2463	.2493	.2484	.2542	.2460	.2465	.2457	.2423	90.
100.		.1994	.1981	.2025	.2043	.1991	.1975	.2034	.2025	.2022	.1949	.1989	.1951	100.
110.	.1765	.1691	.1750	.1769	.1735	.1714	.1714	.1694	.1746	.1769	.1725	.1748	.1710	110.
125.	.1612	.1641	.1541	.1596		.1609	.1595	.1576	.1569	.1586	.1595	.1625	.1511	125.
140.	.1590	.1587	.1555	.1530	.1564	.1583	.1567	.1539	.1535	.1530	.1521	.1565	.1546	140.
155.	.1570	.1575	.1555	.1542	.1528	.1587	.1578	.1524		.1518	.1519	.1558	.1538	155.
180.	.1545	.1577	.1549	.1548	.1529	.1531	.1548	.1536	.1529	.1549	.1561	.1536	.1515	180.
205.	.1580	.1582	.1564	.1560	.1529	.1538	.1563	.1545		.1541	.1544	.1582	.1521	205.
220.	.1597	.1590	.1577	.1587	.1544	.1547	.1571	.1604	.1575	.1557	.1543	.1562	.1522	220.
235.	.1603	.1667	.1621	.1644		.1614	.1681	.1670	.1627	.1633	.1606	.1594	.1537	235.
250.	.1851	.1827	.1852	.1830	.1784	.1798	.1887	.1862	.1848	.1828	.1798	.1890	.1869	250.
260.		.2232	.2189	.2174	.2184	.2198	.2233	.2256	.2207	.2213	.2205	.2273	.2172	260.
270.	.2884	.2886	.2886	.2836	.2796	.2790	.2865	.2841	.2835	.2837	.2866	.2903	.2775	270.
280.		.2790	.2800	.2761	.2720	.2729	.2752	.2767	.2768	.2804	.2781	.2801	.2768	280.
290.	.2506	.2468	.2539	.2536	.2463	.2437	.2489	.2487	.2521	.2508	.2503	.2568	.2519	290.
305.	.2229	.2296	.2232	.2293		.2279	.2261	.2284	.2278	.2269	.2274	.2269	.2189	305.
320.	.2184	.2168	.2154	.2177	.2171	.2209	.2233	.2184	.2175	.2164	.2179	.2184	.2148	320.
335.	.2138	.2130	.2119	.2137	.2136	.2172	.2214	.2164		.2125	.2133	.2152	.2107	335.

TABLE IV. - CONTINUED

(B) MACH = 1.70, BETA = 1.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -.65 DEG							
0.	.2013	.2066	.1701	.2019	.1956	.1912	.1906	.1921	.1962		.1906	.1882	.1850	.1898
25.		.2076	.1885	.1995	.1955	.1905	.1938	.1945	.1952	.1924	.1905	.1873	.1870	.1845
40.				.2018	.1975		.1965	.1973	.1993	.1944	.1915	.1924	.1903	.1873
55.	.1892	.2060	.2037	.2042	.1947	.2006	.2007	.2013	.2026	.2017	.1987	.2000	.1968	.1947
70.			.2172	.2157	.2149	.2167	.2172	.2168	.2172	.2153	.2146	.2113	.2158	.2164
80.				.2360	.2358	.2408	.2445	.2425	.2383	.2367	.2373	.2384	.2407	.2409
90.		.2532	.2421	.2529	.2466	.2520	.2526	.2558	.2540	.2548	.2553	.2539	.2547	.2539
100.				.2207	.2193	.2186	.2182	.2170	.2161	.2140	.2121	.2143	.2135	.2172
110.			.1873	.1919	.1905	.1875	.1844	.1827	.1862	.1849	.1833	.1812	.1857	.1878
125.	.1664	.1817	.1727	.1760	.1705	.1719	.1679	.1679	.1688	.1698	.1687	.1717	.1701	.1682
140.				.1721	.1718		.1640	.1634	.1649	.1613	.1639	.1653	.1653	.1622
155.		.1832	.1659	.1708	.1694	.1623	.1609	.1614	.1615	.1614	.1630	.1613	.1627	.1606
180.	.1769	.1828	.1655	.1738	.1659	.1619	.1611	.1618	.1653		.1644	.1627	.1608	.1658
205.		.1829	.1758	.1706	.1693	.1642	.1655	.1642	.1681	.1680	.1675	.1637	.1652	.1657
220.				.1729	.1794		.1660	.1686	.1746	.1713	.1710	.1706	.1689	.1689
235.	.1746	.1879	.1821	.1804	.1734	.1768	.1698	.1768	.1801	.1822	.1796	.1819	.1775	.1783
250.			.2031	.2029	.1982	.1980	.1907	.2006	.2017	.2031	.2057	.1992	.2029	.2035
260.				.2417	.2415	.2378	.2395	.2444	.2416	.2424	.2404	.2451	.2420	.2416
270.		.2944	.2776	.2870	.2812	.2805	.2860	.2900	.2889	.2947	.2931	.2906	.2890	.2905
280.				.2631	.2621	.2631	.2677	.2648	.2638	.2689	.2676	.2672	.2645	.2645
290.			.2359	.2318	.2296	.2307	.2290	.2290	.2297	.2320	.2349	.2291	.2327	.2310
305.	.1988	.2147	.2104	.2099	.2035	.2072	.2058	.2076	.2065	.2060	.2085	.2113	.2089	.2052
320.				.2036	.2017		.1978	.1976	.2000	.1948	.1959	.1986	.1984	.1950
335.		.2080	.2021	.2019	.1983	.1935	.1943	.1935	.1943	.1921	.1922	.1898	.1920	.1909
							FOR ALPHA = .35 DEG							
0.	.1860	.1921	.1534	.1863	.1796	.1755	.1740	.1754	.1791		.1735	.1708	.1672	.1725
25.		.1923	.1706	.1829	.1794	.1746	.1771	.1786	.1787	.1756	.1749	.1705	.1692	.1685
40.				.1840	.1815		.1786	.1806	.1829	.1778	.1752	.1745	.1724	.1712
55.	.1749	.1905	.1863	.1863	.1780	.1840	.1833	.1850	.1857	.1843	.1821	.1838	.1787	.1777
70.			.2018	.1991	.1986	.2015	.1984	.1990	.2000	.1981	.1985	.1935	.1981	.1980
80.				.2233	.2226	.2290	.2298	.2301	.2253	.2237	.2232	.2232	.2257	.2252
90.		.2560	.2431	.2541	.2481	.2544	.2552	.2565	.2557	.2565	.2565	.2539	.2563	.2552
100.				.2361	.2343	.2356	.2358	.2331	.2311	.2307	.2295	.2307	.2300	.2342
110.			.2075	.2105	.2097	.2091	.2041	.2023	.2040	.2032	.2043	.1998	.2045	.2061
125.	.1840	.1993	.1930	.1950	.1882	.1926	.1862	.1860	.1864	.1873	.1866	.1886	.1880	.1876
140.				.1907	.1907		.1815	.1806	.1820	.1794	.1803	.1823	.1829	.1806
155.		.2005	.1848	.1887	.1874	.1817	.1792	.1777	.1786	.1782	.1793	.1784	.1795	.1779
180.	.1944	.1994	.1634	.1902	.1836	.1793	.1774	.1770	.1817		.1811	.1788	.1770	.1829
205.		.2004	.1939	.1875	.1866	.1809	.1805	.1776	.1836	.1834	.1834	.1806	.1817	.1815
220.				.1902	.1975		.1824	.1820	.1906	.1870	.1918	.1870	.1866	.1856
235.	.1925	.2069	.1995	.1972	.1924	.1953	.1871	.1944	.1974	.1986	.1982	.1979	.1952	.1952
250.			.2240	.2207	.2187	.2180	.2100	.2188	.2204	.2215	.2220	.2181	.2217	.2224
260.				.2582	.2567	.2549	.2555	.2594	.2564	.2590	.2575	.2595	.2577	.2586
270.		.2967	.2789	.2873	.2814	.2816	.2869	.2901	.2890	.2953	.2934	.2908	.2914	.2896
280.				.2491	.2470	.2476	.2525	.2495	.2470	.2510	.2500	.2504	.2479	.2471
290.			.2156	.2130	.2097	.2115	.2092	.2110	.2093	.2121	.2150	.2103	.2125	.2102
305.	.1826	.1981	.1933	.1921	.1866	.1899	.1869	.1898	.1875	.1861	.1897	.1932	.1889	.1843
320.				.1870	.1861		.1806	.1804	.1824	.1762	.1781	.1811	.1793	.1757
335.		.1930	.1855	.1854	.1827	.1773	.1773	.1758	.1772	.1743	.1747	.1721	.1733	.1725
							FOR ALPHA = 1.35 DEG							
0.	.1716	.1779	.1392	.1721	.1653	.1602	.1591	.1599	.1637		.1582	.1551	.1520	.1584
25.		.1781	.1581	.1679	.1642	.1596	.1620	.1627	.1632	.1615	.1592	.1550	.1549	.1539
40.				.1686	.1657		.1645	.1654	.1663	.1630	.1604	.1581	.1581	.1564
55.	.1609	.1756	.1643	.1696	.1618	.1690	.1668	.1696	.1690	.1680	.1670	.1672	.1634	.1630
70.			.1828	.1815	.1797	.1852	.1819	.1814	.1826	.1804	.1827	.1793	.1815	.1818
80.				.2091	.2086	.2144	.2149	.2142	.2103	.2089	.2090	.2102	.2112	.2100
90.		.2555	.2422	.2537	.2492	.2545	.2543	.2566	.2553	.2565	.2566	.2549	.2575	.2550
100.				.2518	.2496	.2516	.2515	.2492	.2476	.2470	.2444	.2460	.2465	.2504
110.			.2242	.2319	.2291	.2301	.2248	.2234	.2246	.2234	.2233	.2200	.2247	.2257
125.	.2027	.2195	.2169	.2171	.2084	.2136	.2080	.2065	.2067	.2080	.2066	.2085	.2083	.2077
140.				.2117	.2106		.2036	.2017	.2021	.1991	.1995	.2014	.2020	.2012
155.		.2199	.2060	.2086	.2083	.2024	.2013	.1985	.1981	.1969	.1984	.1978	.1997	.1994
180.	.2122	.2174	.1957	.2084	.2020	.1973	.1960	.1954	.1989		.1986	.1987	.1947	.2013
205.		.2175	.2122	.2053	.2034	.1974	.1970	.1937	.1999	.1998	.2000	.1985	.1972	.1977
220.				.2042	.2155		.1994	.1989	.2065	.2037	.2045	.2045	.2049	.2021
235.	.2100	.2255	.2192	.2160	.2108	.2139	.2070	.2116	.2131	.2150	.2162	.2169	.2131	.2128
250.			.2456	.2413	.2387	.2374	.2303	.2363	.2376	.2375	.2394	.2357	.2396	.2390
260.				.2726	.2706	.2699	.2720	.2730	.2716	.2715	.2695	.2735	.2736	.2725
270.		.2961	.2792	.2861	.2803	.2806	.2861	.2876	.2888	.2927	.2925	.2885	.2877	.2874
280.				.2348	.2318	.2332	.2371	.2323	.2307	.2349	.2329	.2348	.2308	.2279
290.			.1965	.1952	.1919	.1933	.1900	.1912	.1903	.1923	.1961	.1916	.1922	.1909
305.	.1672	.1823	.1777	.1772	.1688	.1727	.1692	.1733	.1698	.1702	.1725	.1744	.1698	.1669
320.				.1726	.1709		.1645	.1644	.1660	.1601	.1615	.1632	.1621	.1594
335.		.1782	.1702	.1709	.1687	.1615	.1618	.1600	.1610	.1584	.1580	.1561	.1580	.1580

TABLE IV. - CONTINUED

(B) MACH = 1.70, BETA = 1.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.65 DEG								
0.	.1914	.1958	.1929	.1951	.1942	.1963	.1976	.1957	.1936	.1949	.1953	.1936	.1915	0.
25.	.1929	.1941	.1926	.1929	.1915	.1947	.1958	.1922		.1946	.1954	.1982	.1933	25.
40.	.1946	.1959	.1942	.1916	.1909	.1949	.1963	.1941	.1949	.1965	.1968	.1986	.1930	40.
55.	.1973	.2019	.1925	.1982		.1990	.2001	.2020	.2021	.2043	.2055	.2022	.1914	55.
70.	.2134	.2074	.2131	.2107	.2121	.2106	.2142	.2172	.2205	.2203	.2167	.2150	.2101	70.
80.		.2329	.2302	.2325	.2346	.2327	.2370	.2396	.2404	.2400	.2311	.2327	.2276	80.
90.	.2464	.2498	.2486	.2531	.2499	.2488	.2514	.2497	.2558	.2487	.2486	.2475	.2428	90.
100.		.2114	.2104	.2147	.2183	.2140	.2114	.2147	.2149	.2162	.2080	.2101	.2065	100.
110.	.1898	.1809	.1876	.1876	.1896	.1854	.1861	.1835	.1872	.1888	.1855	.1867	.1821	110.
125.	.1717	.1773	.1664	.1701		.1728	.1720	.1713	.1667	.1698	.1708	.1722	.1628	125.
140.	.1699	.1701	.1672	.1638	.1629	.1688	.1692	.1655	.1631	.1631	.1620	.1662	.1641	140.
155.	.1679	.1677	.1660	.1646	.1621	.1656	.1703	.1632		.1627	.1617	.1653	.1613	155.
180.	.1678	.1707	.1673	.1683	.1657	.1655	.1661	.1663	.1642	.1666	.1682	.1673	.1647	180.
205.	.1737	.1750	.1715	.1712	.1692	.1699	.1702	.1666		.1704	.1708	.1733	.1682	205.
220.	.1767	.1762	.1741	.1755	.1716	.1706	.1708	.1760	.1756	.1723	.1696	.1714	.1684	220.
235.	.1792	.1859	.1789	.1830		.1786	.1810	.1864	.1819	.1813	.1792	.1756	.1710	235.
250.	.2049	.2024	.2055	.2053	.1991	.1976	.2064	.2058	.2071	.2030	.1989	.2072	.2044	250.
260.		.2412	.2384	.2366	.2379	.2363	.2437	.2433	.2415	.2408	.2407	.2448	.2359	260.
270.	.2908	.2915	.2906	.2881	.2838	.2829	.2882	.2880	.2866	.2877	.2911	.2937	.2809	270.
280.		.2663	.2640	.2617	.2598	.2607	.2614	.2642	.2640	.2678	.2649	.2667	.2640	280.
290.	.2317	.2287	.2345	.2365	.2290	.2285	.2306	.2323	.2340	.2346	.2333	.2409	.2338	290.
305.	.2040	.2115	.2056	.2114		.2114	.2086	.2108	.2104	.2117	.2107	.2092	.2015	305.
320.	.2012	.1997	.1997	.2007	.2011	.2045	.2061	.2008	.1998	.2012	.1989	.2003	.1975	320.
335.	.1975	.1969	.1959	.1977	.1970	.2011	.2040	.1977		.1968	.1949	.1986	.1942	335.
						FOR ALPHA = .35 DEG								
0.	.1756	.1799	.1768	.1795	.1793	.1802	.1804	.1794	.1784	.1779	.1789	.1779	.1753	0.
25.	.1765	.1789	.1771	.1777	.1768	.1789	.1790	.1766		.1780	.1784	.1819	.1772	25.
40.	.1793	.1791	.1775	.1759	.1761	.1788	.1790	.1788	.1795	.1816	.1802	.1812	.1766	40.
55.	.1807	.1858	.1761	.1823		.1821	.1836	.1863	.1865	.1887	.1875	.1847	.1746	55.
70.	.1963	.1907	.1952	.1951	.1950	.1950	.1997	.2012	.2030	.2033	.2006	.1989	.1938	70.
80.		.2181	.2151	.2203	.2223	.2187	.2233	.2270	.2273	.2260	.2159	.2195	.2141	80.
90.	.2473	.2511	.2496	.2545	.2516	.2509	.2536	.2522	.2592	.2500	.2490	.2486	.2441	90.
100.		.2281	.2259	.2306	.2353	.2322	.2292	.2311	.2317	.2348	.2242	.2263	.2229	100.
110.	.2085	.1997	.2057	.2055	.2089	.2053	.2046	.2022	.2061	.2075	.2052	.2049	.2008	110.
125.	.1906	.1958	.1844	.1892		.1920	.1899	.1908	.1868	.1868	.1888	.1891	.1807	125.
140.	.1884	.1878	.1849	.1813	.1799	.1847	.1874	.1844	.1816	.1803	.1789	.1827	.1808	140.
155.	.1850	.1857	.1837	.1830	.1800	.1813	.1873	.1827		.1792	.1791	.1817	.1787	155.
180.	.1847	.1875	.1842	.1848	.1830	.1823	.1815	.1819	.1811	.1819	.1840	.1833	.1818	180.
205.	.1903	.1915	.1882	.1869	.1854	.1868	.1864	.1827		.1870	.1855	.1892	.1840	205.
220.	.1941	.1936	.1910	.1922	.1897	.1878	.1865	.1876	.1937	.1891	.1865	.1886	.1845	220.
235.	.1976	.2043	.1962	.2020		.1973	.1946	.2039	.2011	.1994	.1964	.1937	.1872	235.
250.	.2250	.2220	.2238	.2239	.2182	.2173	.2235	.2258	.2262	.2229	.2172	.2252	.2229	250.
260.		.2590	.2530	.2546	.2554	.2532	.2588	.2617	.2588	.2582	.2581	.2599	.2536	260.
270.	.2910	.2916	.2917	.2880	.2841	.2839	.2874	.2884	.2887	.2885	.2914	.2942	.2815	270.
280.		.2502	.2484	.2454	.2440	.2441	.2474	.2486	.2487	.2517	.2497	.2517	.2481	280.
290.	.2135	.2101	.2161	.2189	.2106	.2108	.2128	.2131	.2141	.2169	.2165	.2217	.2140	290.
305.	.1853	.1938	.1878	.1948		.1954	.1923	.1920	.1915	.1936	.1932	.1902	.1832	305.
320.	.1835	.1835	.1828	.1839	.1851	.1887	.1875	.1842	.1829	.1847	.1812	.1835	.1792	320.
335.	.1806	.1816	.1799	.1805	.1812	.1853	.1864	.1819		.1802	.1792	.1816	.1762	335.
						FOR ALPHA = 1.35 DEG								
0.	.1614	.1654	.1631	.1654	.1645	.1651	.1654	.1652	.1629	.1622	.1636	.1618	.1602	0.
25.	.1613	.1639	.1631	.1640	.1628	.1635	.1641	.1619		.1630	.1632	.1658	.1622	25.
40.	.1638	.1657	.1629	.1622	.1630	.1639	.1634	.1642	.1662	.1657	.1641	.1648	.1615	40.
55.	.1652	.1698	.1614	.1671		.1685	.1682	.1696	.1715	.1742	.1698	.1690	.1571	55.
70.	.1797	.1747	.1784	.1796	.1798	.1791	.1837	.1839	.1860	.1877	.1832	.1829	.1765	70.
80.		.2043	.2006	.2034	.2074	.2057	.2079	.2128	.2124	.2093	.2031	.2049	.2003	80.
90.	.2481	.2507	.2500	.2545	.2505	.2509	.2533	.2533	.2585	.2489	.2483	.2480	.2440	90.
100.		.2439	.2437	.2466	.2496	.2495	.2469	.2489	.2475	.2506	.2410	.2419	.2396	100.
110.	.2282	.2206	.2259	.2253	.2262	.2265	.2253	.2229	.2266	.2274	.2255	.2246	.2193	110.
125.	.2096	.2160	.2046	.2097		.2123	.2115	.2117	.2085	.2058	.2082	.2091	.2014	125.
140.	.2088	.2084	.2059	.2021	.2004	.2032	.2085	.2052	.2024	.2000	.1987	.2030	.2020	140.
155.	.2057	.2061	.2046	.2032	.2002	.2013	.2042	.2032		.1999	.2001	.2016	.1984	155.
180.	.2028	.2060	.2020	.2030	.2007	.2006	.1996	.1989	.1991	.1989	.2019	.2013	.2001	180.
205.	.2077	.2081	.2047	.2029	.2011	.2037	.2035	.1984		.2035	.2034	.2056	.2007	205.
220.	.2105	.2113	.2079	.2086	.2062	.2046	.2036	.2032	.2103	.2076	.2030	.2048	.2013	220.
235.	.2138	.2229	.2154	.2194		.2149	.2134	.2181	.2199	.2182	.2143	.2109	.2033	235.
250.	.2431	.2395	.2420	.2421	.2371	.2363	.2391	.2434	.2444	.2424	.2355	.2430	.2393	250.
260.		.2733	.2694	.2702	.2707	.2685	.2705	.2777	.2731	.2732	.2723	.2733	.2668	260.
270.	.2905	.2921	.2903	.2871	.2839	.2822	.2857	.2871	.2879	.2860	.2897	.2927	.2792	270.
280.		.2328	.2327	.2298	.2289	.2278	.2304	.2331	.2306	.2344	.2340	.2365	.2316	280.
290.	.1945	.1914	.1985	.1994	.1928	.1935	.1972	.1951	.1976	.1988	.1981	.2035	.1956	290.
305.	.1688	.1783	.1724	.1785		.1780	.1752	.1754	.1751	.1774	.1756	.1735	.1656	305.
320.	.1676	.1690	.1675	.1693	.1698	.1721	.1711	.1676	.1680	.1672	.1666	.1680	.1639	320.
335.	.1667	.1666	.1653	.1661	.1672	.1697	.1713	.1664		.1642	.1641	.1665	.1605	335.

TABLE IV. - CONTINUED

(8) MACH = 1.70, BETA = 1.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.35 DEG								
0.	.1571	.1641	.1254	.1584	.1507	.1454	.1441	.1448	.1487		.1409	.1383	.1375	.1438
25.		.1646	.1428	.1536	.1481	.1443	.1479	.1486	.1492	.1460	.1418	.1392	.1394	.1385
40.				.1535	.1485		.1493	.1501	.1516	.1473	.1422	.1418	.1419	.1399
55.	.1460	.1616	.1529	.1538	.1454	.1522	.1515	.1544	.1532	.1522	.1486	.1482	.1460	.1454
70.			.1629	.1637	.1613	.1668	.1642	.1635	.1643	.1626	.1633	.1576	.1618	.1617
80.				.1927	.1933	.1978	.1991	.1957	.1938	.1921	.1906	.1914	.1910	.1876
90.		.2531	.2406	.2495	.2463	.2512	.2509	.2525	.2521	.2521	.2519	.2492	.2514	.2477
100.				.2636	.2612	.2620	.2627	.2600	.2588	.2582	.2568	.2580	.2563	.2597
110.			.2447	.2472	.2455	.2460	.2418	.2390	.2391	.2385	.2392	.2356	.2445	.2398
125.	.2185	.2346	.2359	.2341	.2249	.2307	.2268	.2250	.2234	.2236	.2226	.2257	.2240	.2234
140.				.2305	.2268		.2217	.2193	.2193	.2158	.2147	.2212	.2183	.2172
155.		.2347	.2241	.2261	.2247	.2191	.2199	.2165	.2152	.2132	.2133	.2175	.2160	.2151
180.	.2306	.2333	.2063	.2257	.2195	.2149	.2136	.2128	.2157		.2144	.2152	.2132	.2184
205.		.2346	.2283	.2251	.2208	.2156	.2147	.2103	.2170	.2167	.2172	.2148	.2163	.2156
220.				.2300	.2335		.2181	.2166	.2245	.2209	.2218	.2229	.2254	.2207
235.	.2294	.2439	.2403	.2353	.2292	.2317	.2255	.2299	.2312	.2324	.2342	.2358	.2330	.2331
250.			.2666	.2581	.2592	.2555	.2508	.2545	.2557	.2544	.2582	.2539	.2601	.2583
260.				.2864	.2847	.2815	.2886	.2864	.2856	.2858	.2853	.2872	.2879	.2869
270.		.2932	.2782	.2845	.2774	.2771	.2826	.2835	.2860	.2885	.2908	.2851	.2854	.2832
280.				.2167	.2150	.2152	.2178	.2131	.2131	.2159	.2157	.2149	.2096	.2087
290.			.1790	.1757	.1721	.1734	.1704	.1698	.1708	.1737	.1749	.1694	.1711	.1708
305.	.1512	.1654	.1600	.1620	.1522	.1553	.1506	.1547	.1515	.1533	.1542	.1557	.1513	.1495
320.				.1565	.1553		.1478	.1478	.1488	.1443	.1439	.1463	.1461	.1445
335.		.1638	.1551	.1559	.1530	.1472	.1462	.1450	.1460	.1423	.1404	.1392	.1433	.1433
						FOR ALPHA = 3.35 DEG								
0.	.1433	.1527	.1180	.1474	.1381	.1315	.1296	.1294	.1329		.1235	.1249	.1264	.1320
25.														
40.														
55.														
70.														
80.														
90.		.2530	.2428	.2547	.2515	.2521	.2448	.2489	.2489	.2489	.2479	.2452	.2453	.2421
100.				.2707	.2682	.2684	.2706	.2671	.2663	.2664	.2649	.2658	.2660	.2671
110.			.2597	.2612	.2590	.2580	.2563	.2521	.2531	.2526	.2525	.2479	.2533	.2532
125.	.2320	.2481	.2517	.2489	.2385	.2438	.2418	.2398	.2370	.2385	.2365	.2385	.2375	.2385
140.				.2463	.2409		.2379	.2339	.2339	.2289	.2311	.2311	.2320	.2333
155.		.2495	.2387	.2424	.2384	.2346	.2360	.2317	.2284	.2262	.2274	.2278	.2296	.2304
180.	.2484	.2495	.2266	.2427	.2360	.2315	.2297	.2290	.2319		.2335	.2306	.2293	.2345
205.		.2538	.2466	.2445	.2384	.2322	.2324	.2303	.2334	.2342	.2409	.2331	.2349	.2347
220.				.2498	.2520		.2361	.2368	.2402	.2394	.2437	.2413	.2400	.2401
235.	.2474	.2637	.2603	.2573	.2478	.2502	.2444	.2497	.2490	.2512	.2529	.2547	.2509	.2507
250.			.2868	.2773	.2762	.2723	.2712	.2713	.2740	.2722	.2753	.2725	.2763	.2747
260.				.2943	.2968	.2920	.3025	.2978	.2965	.2970	.2951	.2981	.2986	.2982
270.		.2909	.2748	.2813	.2728	.2724	.2785	.2784	.2805	.2837	.2851	.2794	.2797	.2775
280.				.1979	.1968	.1950	.1986	.1921	.1939	.1962	.1941	.1928	.1892	.1868
290.			.1608	.1552	.1513	.1532	.1515	.1471	.1510	.1528	.1544	.1482	.1506	.1499
305.	.1352	.1510	.1429	.1433	.1347	.1380	.1342	.1351	.1341	.1353	.1360	.1376	.1335	.1334
320.				.1408	.1386		.1317	.1330	.1320	.1284	.1284	.1307	.1299	.1291
335.		.1517	.1404	.1409	.1374	.1319	.1317	.1306	.1310	.1262	.1251	.1253	.1301	.1287
						FOR ALPHA = 5.35 DEG								
0.	.1175	.1241	.0890	.1196	.1096	.1051	.1051	.1058	.1062		.1010	.1022	.1010	.1062
25.		.1233	.0977	.1108	.1080	.1066	.1100	.1069	.1057	.1035	.1020	.0993	.1008	.1016
40.				.1071	.1073		.1098	.1073	.1053	.1034	.1010	.1015	.1010	.1014
55.	.1033	.1194	.1071	.1037	.0996	.1089	.1081	.1053	.1031	.1035	.1013	.1038	.1017	.1021
70.			.1065	.1024	.1031	.1120	.1085	.1058	.1064	.1053	.1041	.1013	.1069	.1048
80.				.1330	.1377	.1411	.1386	.1368	.1331	.1316	.1275	.1308	.1296	.1209
90.		.2376	.2278	.2287	.2258	.2310	.2274	.2308	.2302	.2305	.2299	.2275	.2286	.2203
100.				.2872	.2871	.2824	.2877	.2853	.2819	.2836	.2844	.2839	.2858	.2816
110.			.2930	.2922	.2933	.2901	.2870	.2851	.2853	.2837	.2845	.2807	.2855	.2865
125.	.2681	.2855	.2908	.2867	.2770	.2824	.2794	.2780	.2756	.2752	.2732	.2749	.2747	.2756
140.				.2859	.2799		.2769	.2739	.2730	.2681	.2670	.2696	.2721	.2731
155.		.2870	.2818	.2836	.2782	.2757	.2753	.2724	.2686	.2654	.2660	.2669	.2704	.2711
180.	.2905	.2878	.2776	.2828	.2746	.2720	.2686	.2698	.2726		.2701	.2713	.2701	.2745
205.		.2940	.2876	.2849	.2778	.2707	.2691	.2716	.2706	.2740	.2746	.2717	.2741	.2756
220.				.2908	.2908		.2771	.2781	.2783	.2783	.2785	.2789	.2797	.2800
235.	.2863	.3030	.2976	.2970	.2852	.2865	.2869	.2875	.2872	.2895	.2898	.2933	.2906	.2894
250.			.3172	.3132	.3112	.3050	.3080	.3057	.3084	.3047	.3080	.3107	.3115	.3093
260.				.3186	.3156	.3112	.3210	.3184	.3176	.3155	.3178	.3184	.3200	.3202
270.		.2781	.2673	.2677	.2582	.2600	.2568	.2632	.2664	.2664	.2668	.2624	.2622	.2632
280.				.1556	.1555	.1532	.1498	.1484	.1533	.1504	.1445	.1462	.1442	.1402
290.			.1165	.1083	.1083	.1107	.1074	.1034	.1107	.1108	.1081	.1048	.1084	.1100
305.	.1058	.1208	.1073	.1088	.1008	.1054	.1029	.0982	.0990	.1030	.1028	.1032	.1019	.1009
320.				.1110	.1092		.1029	.1009	.0998	.1002	.1013	.1020	.1033	.1026
335.		.1247	.1060	.1129	.1104	.1045	.1042	.1032	.0998	.0984	.1019	.1022	.1043	.1036

TABLE IV. - CONTINUED

(B) MACH = 1.70, BETA = 1.01 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = 2.35 DEG								
0.	.1469	.1515	.1496	.1518	.1495	.1498	.1513	.1502	.1479	.1477	.1489	.1472	.1447	0.
25.	.1478	.1493	.1498	.1498	.1478	.1486	.1498	.1471		.1477	.1479	.1511	.1471	25.
40.	.1493	.1509	.1484	.1479	.1478	.1484	.1496	.1502	.1510	.1503	.1488	.1499	.1463	40.
55.	.1501	.1533	.1462	.1511		.1519	.1521	.1549	.1562	.1578	.1534	.1528	.1408	55.
70.	.1614	.1581	.1622	.1625	.1625	.1630	.1670	.1670	.1676	.1720	.1638	.1644	.1592	70.
80.		.1859	.1836	.1860	.1899	.1891	.1936	.1949	.1949	.1907	.1850	.1888	.1824	80.
90.	.2439	.2464	.2464	.2520	.2471	.2469	.2500	.2504	.2555	.2449	.2451	.2448	.2395	90.
100.		.2553	.2542	.2594	.2606	.2617	.2589	.2590	.2608	.2610	.2527	.2527	.2496	100.
110.	.2418	.2363	.2412	.2409	.2419	.2435	.2425	.2386	.2423	.2443	.2405	.2392	.2336	110.
125.	.2265	.2320	.2212	.2258		.2279	.2285	.2291	.2262	.2219	.2247	.2248	.2158	125.
140.	.2250	.2250	.2215	.2176	.2166	.2201	.2248	.2225	.2198	.2162	.2152	.2190	.2172	140.
155.	.2223	.2234	.2212	.2199	.2165	.2183	.2198	.2201		.2160	.2161	.2182	.2144	155.
180.	.2191	.2235	.2192	.2201	.2176	.2166	.2164	.2152	.2157	.2160	.2175	.2186	.2168	180.
205.	.2248	.2262	.2230	.2215	.2189	.2208	.2212	.2158		.2213	.2203	.2240	.2177	205.
220.	.2292	.2290	.2267	.2273	.2240	.2235	.2209	.2208	.2257	.2265	.2207	.2235	.2194	220.
235.	.2321	.2413	.2338	.2381		.2336	.2307	.2347	.2390	.2371	.2327	.2287	.2214	235.
250.	.2608	.2586	.2595	.2604	.2550	.2543	.2561	.2626	.2622	.2603	.2541	.2609	.2588	250.
260.		.2874	.2826	.2852	.2842	.2827	.2856	.2919	.2872	.2869	.2853	.2889	.2805	260.
270.	.2860	.2869	.2869	.2840	.2796	.2790	.2834	.2836	.2846	.2847	.2862	.2891	.2754	270.
280.		.2132	.2133	.2098	.2107	.2094	.2135	.2141	.2120	.2146	.2157	.2188	.2105	280.
290.	.1760	.1721	.1803	.1817	.1744	.1737	.1760	.1758	.1781	.1795	.1792	.1832	.1761	290.
305.	.1531	.1603	.1552	.1624		.1597	.1580	.1584	.1584	.1587	.1586	.1562	.1489	305.
320.	.1518	.1535	.1521	.1543	.1553	.1559	.1555	.1538	.1518	.1504	.1497	.1518	.1474	320.
335.	.1507	.1525	.1506	.1525	.1519	.1538	.1552	.1524		.1486	.1482	.1503	.1452	335.
						FOR ALPHA = 3.35 DEG								
0.	.1352	.1391	.1368	.1375	.1357	.1371	.1391	.1358	.1343	.1332	.1330	.1319	.1299	0.
25.														25.
40.														40.
55.														55.
70.														70.
80.														80.
90.	.2383	.2414	.2425	.2483	.2449	.2450	.2470	.2474	.2486	.2393	.2418	.2404	.2342	90.
100.		.2628	.2622	.2672	.2676	.2703	.2665	.2680	.2728	.2672	.2598	.2602	.2568	100.
110.	.2533	.2495	.2534	.2527	.2540	.2569	.2557	.2501	.2562	.2587	.2516	.2516	.2471	110.
125.	.2409	.2452	.2346	.2395		.2423	.2430	.2438	.2398	.2373	.2380	.2397	.2296	125.
140.	.2400	.2390	.2346	.2312	.2316	.2352	.2388	.2361	.2339	.2308	.2298	.2330	.2316	140.
155.	.2370	.2363	.2352	.2346	.2318	.2325	.2339	.2334		.2311	.2291	.2331	.2278	155.
180.	.2355	.2403	.2361	.2373	.2339	.2328	.2325	.2307	.2317	.2320	.2342	.2343	.2328	180.
205.	.2434	.2444	.2411	.2391	.2375	.2392	.2393	.2335		.2398	.2385	.2413	.2352	205.
220.	.2478	.2480	.2448	.2444	.2417	.2426	.2406	.2388	.2440	.2455	.2397	.2417	.2382	220.
235.	.2504	.2600	.2519	.2567		.2520	.2496	.2522	.2580	.2558	.2514	.2470	.2400	235.
250.	.2772	.2761	.2782	.2772	.2741	.2721	.2748	.2798	.2800	.2785	.2714	.2773	.2766	250.
260.		.2989	.2948	.2957	.2964	.2953	.2978	.3045	.2995	.2997	.2975	.3007	.2890	260.
270.	.2809	.2818	.2808	.2787	.2744	.2734	.2783	.2781	.2785	.2797	.2801	.2823	.2684	270.
280.		.1934	.1933	.1890	.1912	.1915	.1918	.1931	.1914	.1968	.1963	.2003	.1870	280.
290.	.1560	.1533	.1613	.1599	.1547	.1550	.1553	.1559	.1587	.1608	.1605	.1609	.1572	290.
305.	.1366	.1445	.1398	.1450		.1418	.1415	.1423	.1417	.1424	.1411	.1382	.1318	305.
320.	.1384	.1390	.1382	.1386	.1390	.1399	.1390	.1380	.1356	.1356	.1339	.1362	.1315	320.
335.	.1374	.1384	.1373	.1385	.1369	.1393	.1414	.1354		.1341	.1332	.1353	.1311	335.
						FOR ALPHA = 5.35 DEG								
0.	.1104	.1145	.1117	.1119	.1101	.1111	.1114	.1095	.1070	.1073	.1081	.1062	.1048	0.
25.	.1116	.1138	.1104	.1098	.1095	.1115	.1107	.1078		.1077	.1088	.1117	.1086	25.
40.	.1116	.1116	.1076	.1079	.1073	.1099	.1099	.1086	.1075	.1078	.1069	.1092	.1076	40.
55.	.1043	.1104	.1037	.1071		.1087	.1107	.1107	.1098	.1081	.1094	.1039	.0956	55.
70.	.1061	.1048	.1087	.1096	.1087	.1088	.1115	.1116	.1164	.1119	.1061	.1087	.1059	70.
80.		.1265	.1236	.1252	.1318	.1318	.1331	.1336	.1307	.1273	.1267	.1295	.1237	80.
90.	.2221	.2248	.2244	.2291	.2248	.2244	.2311	.2324	.2231	.2210	.2233	.2205	.2174	90.
100.		.2813	.2821	.2875	.2857	.2869	.2848	.2843	.2898	.2832	.2779	.2792	.2751	100.
110.	.2831	.2804	.2859	.2853	.2878	.2891	.2875	.2839	.2881	.2906	.2807	.2817	.2779	110.
125.	.2794	.2802	.2725	.2771		.2790	.2819	.2811	.2763	.2749	.2761	.2774	.2648	125.
140.	.2792	.2780	.2729	.2720	.2717	.2735	.2774	.2750	.2731	.2702	.2682	.2737	.2717	140.
155.	.2762	.2760	.2759	.2733	.2716	.2722	.2740	.2731		.2710	.2690	.2721	.2698	155.
180.	.2745	.2797	.2759	.2763	.2725	.2711	.2723	.2711	.2713	.2696	.2739	.2734	.2721	180.
205.	.2820	.2816	.2801	.2775	.2772	.2771	.2792	.2716		.2790	.2774	.2789	.2724	205.
220.	.2879	.2864	.2853	.2840	.2806	.2794	.2787	.2773	.2828	.2847	.2788	.2802	.2759	220.
235.	.2911	.2990	.2921	.2955		.2900	.2887	.2922	.2961	.2944	.2883	.2839	.2783	235.
250.	.3121	.3083	.3129	.3094	.3086	.3069	.3089	.3146	.3135	.3106	.3060	.3104	.3082	250.
260.		.3191	.3172	.3184	.3168	.3170	.3196	.3245	.3174	.3187	.3150	.3187	.3069	260.
270.	.2642	.2662	.2616	.2644	.2595	.2578	.2625	.2633	.2614	.2644	.2687	.2590	.2518	270.
280.		.1490	.1436	.1416	.1461	.1445	.1454	.1501	.1482	.1514	.1477	.1533	.1375	280.
290.	.1148	.1155	.1207	.1170	.1144	.1131	.1138	.1157	.1191	.1186	.1165	.1184	.1145	290.
305.	.1059	.1144	.1096	.1116		.1088	.1087	.1080	.1075	.1084	.1070	.1063	.0995	305.
320.	.1103	.1117	.1094	.1103	.1102	.1113	.1092	.1075	.1070	.1060	.1047	.1061	.1019	320.
335.	.1119	.1124	.1111	.1105	.1105	.1136	.1130	.1075		.1051	.1045	.1073	.1039	335.

TABLE IV. - CONTINUED

(B) MACH = 1.70, BETA = 1.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 10.35 DEG							
0.	.0554	.0554	.0421	.0610	.0560	.0512	.0516	.0546	.0587		.0520	.0509	.0509	.0546
25.		.0570	.0449	.0603	.0564	.0511	.0515	.0509	.0531	.0501	.0484	.0463	.0517	.0489
40.				.0535	.0502		.0464	.0468	.0481	.0464	.0440	.0446	.0455	.0435
55.	.0333	.0533	.0279	.0328	.0323	.0353	.0320	.0334	.0337	.0332	.0317	.0326	.0296	.0291
70.			-.0058	-.0073	-.0072	-.0023	-.0032	-.0025	-.0004	.0004	.0020	-.0049	-.0068	-.0031
80.				.0130	.0108	.0028	-.0010	-.0013	-.0028	-.0038	-.0077	-.0132	-.0152	-.0173
90.		.1784	.1773	.1644	.1606	.1633	.1543	.1559	.1559	.1581	.1556	.1486	.1468	.1443
100.				.3073	.3051	.2963	.3083	.3046	.2990	.3004	.3029	.3000	.2977	.3005
110.			.3731	.3664	.3618	.3588	.3548	.3556	.3556	.3520	.3555	.3541	.3519	.3534
125.	.3557	.3821	.3859	.3856	.3685	.3752	.3706	.3698	.3686	.3706	.3718	.3775	.3694	.3679
140.				.3894	.3806		.3758	.3720	.3731	.3708	.3752	.3767	.3790	.3745
155.		.3914	.3874	.3892	.3834	.3787	.3760	.3715	.3718	.3742	.3788	.3770	.3795	.3783
180.	.3980	.3921	.3837	.3870	.3814	.3778	.3760	.3791	.3841		.3843	.3828	.3799	.3870
205.		.3976	.3877	.3865	.3839	.3821	.3853	.3849	.3875	.3862	.3897	.3871	.3884	.3859
220.				.3937	.3951		.3886	.3880	.3924	.3903	.3927	.3945	.3918	.3924
235.	.3784	.4018	.3940	.3985	.3848	.3921	.3911	.3922	.3933	.3957	.3987	.4011	.3988	.3954
250.			.3959	.3937	.3932	.3917	.3902	.3912	.3890	.3912	.3957	.3947	.3972	.3918
260.				.3504	.3502	.3425	.3539	.3503	.3465	.3506	.3521	.3560	.3549	.3507
270.		.2209	.2140	.2062	.1986	.2055	.1984	.1998	.2002	.2026	.2008	.1979	.1956	.1945
280.				.0232	.0168	.0146	.0123	.0103	.0078	.0061	.0036	-.0001	-.0003	-.0036
290.			-.0141	-.0191	-.0225	-.0167	-.0131	-.0099	-.0078	-.0063	-.0008	-.0090	-.0070	-.0039
305.	.0262	.0444	.0172	.0205	.0180	.0257	.0264	.0262	.0265	.0285	.0257	.0273	.0253	.0256
320.				.0418	.0420		.0416	.0445	.0463	.0438	.0401	.0400	.0408	.0399
335.		.0506	.0206	.0522	.0494	.0442	.0471	.0511	.0534	.0505	.0477	.0458	.0478	.0466
							FOR ALPHA = 15.35 DEG							
0.	.0159	.0215	-.0058	.0148	.0102	.0093	.0109	.0120	.0150		.0093	.0088	.0074	.0112
25.		.0207	.0239	.0113	.0082	.0014	-.0002	-.0021	-.0026	-.0038	-.0023	-.0018	.0004	.0000
40.				-.0140	-.0091		-.0022	-.0018	-.0027	-.0087	-.0130	-.0125	-.0117	-.0133
55.	-.0323	-.0346	-.0461	-.0377	-.0424	-.0465	-.0509	-.0465	-.0435	-.0408	-.0403	-.0383	-.0354	-.0344
70.			-.1116	-.1166	-.1179	-.1214	-.1318	-.1396	-.1484	-.1543	-.1572	-.1592	-.1562	-.1499
80.				-.1296	-.1444	-.1564	-.1678	-.1750	-.1810	-.1896	-.1929	-.1947	-.2011	-.2044
90.		.1095	.1040	.0941	.0871	.0889	.0755	.0737	.0755	.0790	.0764	.0689	.0663	.0622
100.				.3274	.3220	.2947	.3176	.3181	.3077	.3125	.3188	.3158	.3146	.3109
110.			.4444	.4416	.4379	.4239	.4254	.4331	.4323	.4302	.4319	.4306	.4305	.4301
125.	.4664	.4968	.4825	.4944	.4770	.4786	.4744	.4822	.4862	.4828	.4809	.4843	.4820	.4802
140.				.5075	.5009		.4931	.4983	.5028	.4968	.4955	.4963	.4976	.4969
155.		.5229	.5111	.5084	.5059	.5003	.5006	.5077	.5072	.5056	.5035	.5038	.5040	.5028
180.	.5299	.5246	.5092	.5144	.5103	.5093	.5090	.5155	.5209		.5142	.5134	.5081	.5147
205.		.5273	.5105	.5156	.5167	.5173	.5198	.5170	.5216	.5177	.5171	.5146	.5175	.5167
220.				.5197	.5247		.5179	.5167	.5248	.5178	.5162	.5163	.5136	.5168
235.	.4893	.5176	.5045	.5158	.5047	.5116	.5108	.5136	.5157	.5114	.5117	.5142	.5102	.5096
250.			.4851	.4798	.4799	.4753	.4775	.4808	.4741	.4719	.4800	.4759	.4747	.4757
260.				.3755	.3764	.3594	.3829	.3778	.3637	.3722	.3760	.3736	.3729	.3715
270.		.1580	.1506	.1402	.1387	.1417	.1294	.1276	.1302	.1340	.1280	.1195	.1177	.1127
280.				-.1072	-.1198	-.1327	-.1446	-.1510	-.1550	-.1608	-.1673	-.1683	-.1756	-.1795
290.			-.1290	-.1330	-.1315	-.1343	-.1466	-.1543	-.1626	-.1677	-.1769	-.1811	-.1851	-.1813
305.	-.0374	-.0410	-.0618	-.0650	-.0860	-.0785	-.0721	-.0570	-.0493	-.0465	-.0466	-.0463	-.0469	-.0500
320.				-.0141	-.0135		-.0078	-.0091	-.0082	-.0137	-.0189	-.0173	-.0185	-.0198
335.		-.0027	.0051	.0002	-.0079	-.0124	-.0044	-.0002	.0024	.0012	.0008	-.0043	-.0038	-.0070
							FOR ALPHA = 20.35 DEG							
0.	-.0180	-.0157	-.0529	-.0304	-.0309	-.0330	-.0296	-.0247	-.0200		-.0248	-.0270	-.0270	-.0226
25.		-.0176	-.0062	-.0366	-.0381	-.0463	-.0477	-.0482	-.0443	-.0443	-.0440	-.0419	-.0292	-.0356
40.				-.1272	-.0830		-.0510	-.0432	-.0418	-.0377	-.0443	-.0417	-.0391	-.0497
55.	-.1224	-.1606	-.1478	-.1361	-.2585	-.2583	-.2525	-.2510	-.2495	-.2463	-.2430	-.2423	-.2460	-.2503
70.			-.2035	-.2151	-.2200	-.2230	-.2236	-.2237	-.2215	-.2218	-.2180	-.2242	-.2290	-.2262
80.				-.2424	-.2481	-.2494	-.2492	-.2519	-.2516	-.2494	-.2453	-.2434	-.2444	-.2422
90.		.0456	.0264	.0270	.0197	.0250	.0139	.0091	.0128	.0188	.0247	.0119	.0105	.0077
100.				.3312	.3292	.3014	.3253	.3274	.3195	.3324	.3434	.3301	.3327	.3307
110.			.5180	.5167	.5095	.5032	.5041	.5088	.5084	.5119	.5250	.5182	.5116	.5138
125.	.5851	.6185	.5907	.6136	.5888	.5988	.6031	.5982	.6051	.6046	.6058	.6167	.6036	.6029
140.				.6400	.6289		.6357	.6300	.6350	.6326	.6358	.6361	.6384	.6316
155.		.6668	.6378	.6485	.6408	.6485	.6487	.6468	.6456	.6472	.6496	.6428	.6505	.6443
180.	.6785	.6724	.6517	.6621	.6543	.6584	.6569	.6584	.6634		.6607	.6538	.6507	.6588
205.		.6740	.6533	.6620	.6573	.6644	.6617	.6595	.6613	.6578	.6585	.6549	.6577	.6531
220.				.6605	.6563		.6541	.6539	.6577	.6525	.6526	.6529	.6522	.6483
235.	.6131	.6480	.6256	.6419	.6226	.6380	.6326	.6339	.6364	.6349	.6351	.6367	.6344	.6359
250.			.5715	.5636	.5596	.5587	.5530	.5628	.5585	.5588	.5627	.5593	.5641	.5726
260.				.3918	.3921	.3658	.3946	.3903	.3877	.3903	.3945	.3908	.4060	.4013
270.		.1019	.0843	.0796	.0745	.0801	.0681	.0635	.0692	.0731	.0742	.0691	.0709	.0650
280.				-.2131	-.2273	-.2276	-.2273	-.2312	-.2400	-.2488	-.2523	-.2549	-.2607	-.2626
290.			-.2102	-.2203	-.2279	-.2281	-.2301	-.2288	-.2316	-.2341	-.2377	-.2366	-.2358	-.2323
305.	-.1278	-.1607	-.1562	-.2082	-.2529	-.2481	-.2435	-.2390	-.2418	-.2360	-.2373	-.2346	-.2337	-.2362
320.				-.1201	-.0703		-.0470	-.0646	-.0907	-.1043	-.1282	-.1411	-.1459	-.1505
335.		-.0315	-.0078	-.0527	-.0624	-.0691	-.0539	-.0409	-.0329	-.0293	-.0299	-.0326	-.0296	-.0282

TABLE IV. - CONTINUED

(B) MACH = 1.70, BETA = 1.01 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.35 DEG								
0.	.0569	.0601	.0560	.0559	.0542	.0547	.0546	.0523	.0512	.0530	.0543	.0546	.0535	0.
25.	.0547	.0537	.0522	.0525	.0525	.0537	.0548	.0536		.0544	.0537	.0527	.0484	25.
40.	.0506	.0488	.0467	.0473	.0471	.0477	.0495	.0501	.0516	.0498	.0456	.0455	.0407	40.
55.	.0336	.0384	.0333	.0356		.0358	.0354	.0389	.0353	.0348	.0343	.0323	.0251	55.
70.	.0031	.0020	.0065	.0070	.0038	.0020	.0042	-.0006	.0012	.0020	.0011	.0052	.0013	70.
80.		-.0163	-.0156	-.0166	-.0141	-.0073	-.0160	-.0162	-.0154	-.0130	-.0153	-.0143	-.0145	80.
90.	.1466	.1500	.1506	.1549	.1530	.1478	.1445	.1458	.1412	.1403	.1427	.1402	.1415	90.
100.		.3032	.3060	.3048	.3091	.3118	.3035	.2975	.2964	.2983	.2974	.2956	.2889	100.
110.	.3527	.3520	.3586	.3570	.3614	.3576	.3622	.3535	.3517	.3511	.3493	.3535	.3467	110.
125.	.3668	.3737	.3696	.3752		.3716	.3720	.3743	.3745	.3691	.3673	.3658	.3588	125.
140.	.3774	.3782	.3758	.3748	.3742	.3772	.3765	.3737	.3745	.3769	.3734	.3739	.3695	140.
155.	.3822	.3818	.3772	.3742	.3729	.3808	.3844	.3766		.3744	.3781	.3828	.3733	155.
180.	.3847	.3890	.3798	.3809	.3781	.3793	.3827	.3796	.3787	.3785	.3815	.3798	.3770	180.
205.	.3933	.3904	.3857	.3855	.3845	.3858	.3865	.3864		.3829	.3832	.3862	.3822	205.
220.	.3971	.3920	.3900	.3877	.3868	.3891	.3946	.3936	.3881	.3843	.3835	.3901	.3871	220.
235.	.3915	.3988	.3896	.3942		.3948	.4013	.3997	.3923	.3912	.3934	.3920	.3799	235.
250.	.3922	.3890	.3933	.3893	.3916	.3925	.3936	.3905	.3934	.3950	.3847	.3871	.3827	250.
260.		.3525	.3513	.3515	.3505	.3565	.3524	.3526	.3566	.3473	.3430	.3457	.3399	260.
270.	.1913	.1945	.1934	.1976	.1938	.1871	.1977	.1975	.1918	.1845	.1871	.1855	.1834	270.
280.		-.0067	-.0071	-.0088	-.0059	-.0037	-.0022	-.0022	.0031	-.0053	-.0080	-.0060	-.0086	280.
290.	-.0005	-.0035	.0013	-.0001	-.0021	-.0044	-.0041	-.0038	-.0025	.0002	-.0051	-.0001	-.0036	290.
305.	.0295	.0315	.0267	.0280		.0270	.0278	.0277	.0282	.0295	.0314	.0266	.0159	305.
320.	.0464	.0473	.0440	.0435	.0418	.0419	.0424	.0413	.0402	.0410	.0415	.0424	.0398	320.
335.	.0534	.0547	.0539	.0520	.0491	.0489	.0489	.0462		.0471	.0482	.0512	.0487	335.
						FOR ALPHA = 15.35 DEG								
0.	.0118	.0142	.0123	.0143	.0130	.0143	.0183	.0162	.0151	.0179	.0208	.0198	.0188	0.
25.	.0077	.0083	.0068	.0049	.0064	.0058	.0047	.0021		.0036	.0047	.0082	.0052	25.
40.	-.0048	-.0045	-.0081	-.0044	-.0094	-.0114	-.0104	-.0105	-.0080	-.0059	-.0069	-.0042	-.0048	40.
55.	-.0297	-.0270	-.0279	-.0299		-.0354	-.0358	-.0336	-.0314	-.0294	-.0258	-.0285	-.0349	55.
70.	-.1452	-.1404	-.1344	-.1361	-.1270	-.1262	-.1242	-.1239	-.1194	-.1130	-.1188	-.1104	-.1180	70.
80.		-.2092	-.2212	-.2241	-.2243	-.2238	-.2246	-.2237	-.2219	-.2263	-.2300	-.2342	-.2384	80.
90.	.0665	.0728	.0636	.0658	.0614	.0531	.0573	.0631	.0631	.0640	.0570	.0555	.0537	90.
100.		.3341	.3181	.3121	.3079	.3099	.3124	.3082	.3080	.3118	.3094	.2977	.2989	100.
110.	.4288	.4445	.4427	.4273	.4314	.4246	.4257	.4236	.4263	.4266	.4245	.4257	.4079	110.
125.	.4804	.4829	.4906	.4949		.4767	.4783	.4782	.4750	.4796	.4774	.4713	.4602	125.
140.	.5017	.4992	.5019	.5050	.5027	.4926	.4905	.4933	.4934	.4941	.4931	.4921	.4821	140.
155.	.5056	.5083	.5083	.5099	.5075	.5027	.5016	.5004		.4993	.5014	.5030	.4926	155.
180.	.5094	.5139	.5112	.5114	.5074	.5121	.5129	.5096	.5059	.5067	.5104	.5095	.5042	180.
205.	.5179	.5163	.5116	.5109	.5157	.5170	.5170	.5145		.5108	.5098	.5169	.5076	205.
220.	.5220	.5159	.5134	.5130	.5152	.5160	.5157	.5149	.5131	.5118	.5094	.5153	.5047	220.
235.	.5061	.5110	.5046	.5149		.5124	.5093	.5074	.5068	.5069	.5048	.5036	.4880	235.
250.	.4695	.4735	.4745	.4846	.4855	.4724	.4648	.4710	.4704	.4700	.4668	.4687	.4572	250.
260.		.3726	.3739	.3840	.3762	.3647	.3688	.3669	.3628	.3664	.3639	.3639	.3588	260.
270.	.1131	.1149	.1222	.1295	.1203	.1042	.1074	.1148	.1102	.1072	.1086	.1133	.1076	270.
280.		-.1886	-.1911	-.1931	-.1915	-.1978	-.2004	-.1988	-.1988	-.2035	-.2057	-.2035	-.2069	280.
290.	-.1890	-.1879	-.1809	-.1786	-.1729	-.1742	-.1753	-.1711	-.1694	-.1712	-.1661	-.1542	-.1502	290.
305.	-.0459	-.0418	-.0462	-.0427		-.0430	-.0460	-.0481	-.0472	-.0463	-.0446	-.0436	-.0478	305.
320.	-.0143	-.0140	-.0152	-.0118	-.0123	-.0112	-.0083	-.0095	-.0137	-.0132	-.0137	-.0103	-.0115	320.
335.	-.0012	-.0014	-.0025	-.0021	-.0023	.0002	.0015	-.0000		-.0006	-.0011	.0033	.0015	335.
						FOR ALPHA = 20.35 DEG								
0.	-.0190	-.0182	-.0198	-.0165	-.0198	-.0222	-.0200	-.0213	-.0243	-.0237	-.0202	-.0210	-.0208	0.
25.	-.0297	-.0274	-.0258	-.0262	-.0262	-.0236	-.0222	-.0233		-.0175	-.0176	-.0196	-.0230	25.
40.	-.0439	-.0402	-.0489	-.0459	-.0495	-.0469	-.0478	-.0414	-.0430	-.0408	-.0434	-.0405	-.0472	40.
55.	-.2500	-.2486	-.2524	-.2556		-.2538	-.2465	-.2541	-.2500	-.2526	-.2605	-.2591	-.2632	55.
70.	-.2270	-.2266	-.2263	-.2278	-.2234	-.2257	-.2189	-.2207	-.2227	-.2192	-.2203	-.2209	-.2219	70.
80.		-.2447	-.2434	-.2409	-.2402	-.2432	-.2425	-.2466	-.2479	-.2527	-.2538	-.2558	-.2596	80.
90.	.0071	.0116	.0093	.0135	.0168	.0006	.0046	.0108	.0059	.0036	.0038	.0017	-.0003	90.
100.		.3368	.3355	.3330	.3313	.3301	.3202	.3315	.3282	.3265	.3251	.3257	.3146	100.
110.	.5184	.5139	.5100	.5106	.5137	.5098	.5124	.5022	.5122	.5079	.5045	.5036	.4966	110.
125.	.6093	.6082	.5962	.6019		.6012	.6016	.6084	.5928	.5968	.5959	.5926	.5771	125.
140.	.6427	.6406	.6291	.6277	.6302	.6313	.6298	.6295	.6325	.6286	.6212	.6250	.6118	140.
155.	.6531	.6551	.6426	.6437	.6434	.6449	.6467	.6416		.6456	.6386	.6360	.6265	155.
180.	.6601	.6656	.6597	.6595	.6536	.6521	.6542	.6510	.6487	.6536	.6550	.6449	.6418	180.
205.	.6654	.6712	.6635	.6606	.6578	.6572	.6583	.6528		.6538	.6573	.6540	.6387	205.
220.	.6662	.6637	.6575	.6526	.6520	.6512	.6518	.6474	.6483	.6506	.6490	.6460	.6282	220.
235.	.6472	.6402	.6347	.6369		.6314	.6348	.6334	.6287	.6349	.6271	.6166	.6038	235.
250.	.5651	.5652	.5643	.5609	.5622	.5567	.5588	.5585	.5639	.5527	.5481	.5549	.5436	250.
260.		.3994	.4020	.3936	.3890	.3882	.3919	.3979	.3836	.3834	.3874	.3871	.3754	260.
270.	.0588	.0645	.0648	.0682	.0630	.0557	.0594	.0660	.0568	.0613	.0576	.0545	.0532	270.
280.		-.2707	-.2720	-.2732	-.2752	-.2746	-.2748	-.2769	-.2787	-.2854	-.2879	-.2878	-.2897	280.
290.	-.2363	-.2412	-.2397	-.2384	-.2346	-.2353	-.2338	-.2294	-.2261	-.2241	-.2346	-.2298	-.2311	290.
305.	-.2291	-.2319	-.2342	-.2325		-.2286	-.2304	-.2330	-.2306	-.2297	-.2369	-.2318	-.2397	305.
320.	-.1516	-.1499	-.1700	-.1691	-.1704	-.1711	-.1762	-.1704	-.1722	-.1750	-.1722	-.1770	-.1767	320.
335.	-.0179	-.0136	-.0157	-.0234	-.0238	-.0180	-.0157	-.0221		-.0249	-.0224	-.0130	-.0162	335.

TABLE IV. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -4.65 DEG							
0.	.2709	.2675	.2634	.2658	.2636	.2624	.2616	.2642	.2686		.2637	.2603	.2580	.2635
25.		.2667	.2597	.2640	.2591	.2563	.2584	.2595	.2601	.2580	.2567	.2537	.2562	.2527
40.				.2647	.2572		.2575	.2573	.2595	.2553	.2528	.2540	.2538	.2474
55.	.2393	.2627	.2625	.2621	.2491	.2544	.2542	.2564	.2559	.2544	.2546	.2502	.2474	.2450
70.			.2597	.2577	.2550	.2541	.2546	.2554	.2540	.2531	.2558	.2423	.2476	.2487
80.				.2458	.2424	.2396	.2492	.2465	.2424	.2471	.2411	.2368	.2395	.2413
90.		.2065	.1970	.2011	.1935	.1967	.1966	.1989	.1972	.2009	.1952	.1900	.1890	.1923
100.				.1303	.1299	.1297	.1296	.1268	.1243	.1234	.1175	.1200	.1176	.1222
110.			.1084	.1097	.1073	.1079	.1044	.1040	.1048	.1040	.1033	.1020	.1024	.1082
125.	.1013	.1223	.1059	.1100	.1039	.1049	.1026	.1038	.1033	.1045	.1037	.1044	.1018	.0993
140.				.1142	.1094		.1040	.1056	.1064	.1044	.1024	.1028	.1011	.0992
155.		.1251	.0924	.1154	.1096	.1035	.1044	.1053	.1078	.1054	.1030	.1009	.1003	.0986
180.	.1121	.1201	.0894	.1152	.1094	.1050	.1054	.1082	.1102		.1044	.1031	.1009	.1042
205.		.1193	.1069	.1093	.1105	.1058	.1097	.1083	.1074	.1036	.1039	.1062	.1065	.1048
220.				.1103	.1155		.1080	.1076	.1067	.1022	.1099	.1075	.1061	.1050
235.	.1025	.1179	.1119	.1113	.1034	.1129	.1070	.1071	.1054	.1095	.1114	.1147	.1079	.1077
250.			.1283	.1213	.1213	.1266	.1225	.1193	.1217	.1280	.1278	.1255	.1249	.1268
260.				.1906	.1886	.1910	.1848	.1796	.1823	.1846	.1783	.1823	.1787	.1768
270.		.3146	.3015	.3093	.3014	.3068	.3033	.3059	.3090	.3117	.3118	.3086	.3122	.3099
280.				.3421	.3405	.3431	.3487	.3490	.3439	.3465	.3461	.3518	.3558	.3521
290.			.3221	.3201	.3209	.3225	.3238	.3228	.3243	.3261	.3253	.3234	.3330	.3297
305.	.2812	.2946	.2897	.2922	.2848	.2937	.2950	.2980	.2966	.2964	.2973	.2987	.2949	.2966
320.				.2775	.2788		.2807	.2819	.2844	.2794	.2796	.2783	.2785	.2786
335.		.2761	.2710	.2691	.2701	.2702	.2724	.2732	.2730	.2714	.2717	.2682	.2697	.2676
							FOR ALPHA = -2.65 DEG							
0.	.2335	.2329	.2192	.2311	.2282	.2259	.2257	.2275	.2307		.2241	.2206	.2187	.2219
25.		.2346	.2223	.2306	.2268	.2237	.2239	.2234	.2218	.2189	.2180	.2167	.2188	.2140
40.				.2319	.2250		.2222	.2222	.2224	.2185	.2182	.2178	.2184	.2126
55.	.2107	.2334	.2284	.2315	.2182	.2232	.2217	.2222	.2228	.2217	.2205	.2217	.2169	.2138
70.			.2343	.2335	.2307	.2292	.2275	.2271	.2282	.2267	.2299	.2189	.2200	.2197
80.				.2349	.2333	.2313	.2357	.2330	.2309	.2346	.2297	.2227	.2222	.2202
90.		.2220	.2086	.2177	.2114	.2149	.2150	.2184	.2174	.2201	.2133	.2107	.2100	.2110
100.				.1726	.1702	.1728	.1733	.1704	.1688	.1674	.1647	.1675	.1616	.1609
110.			.1543	.1495	.1503	.1509	.1469	.1468	.1470	.1453	.1467	.1419	.1435	.1427
125.	.1363	.1572	.1494	.1461	.1403	.1430	.1399	.1402	.1394	.1395	.1389	.1391	.1378	.1358
140.				.1501	.1447		.1389	.1378	.1398	.1373	.1378	.1377	.1364	.1346
155.		.1603	.1199	.1518	.1441	.1384	.1387	.1367	.1386	.1382	.1375	.1371	.1362	.1347
180.	.1434	.1510	.1196	.1446	.1400	.1363	.1353	.1361	.1393		.1360	.1342	.1315	.1359
205.		.1474	.1421	.1360	.1400	.1350	.1356	.1367	.1359	.1319	.1339	.1377	.1370	.1335
220.				.1405	.1485		.1374	.1394	.1385	.1330	.1366	.1400	.1414	.1377
235.	.1387	.1524	.1474	.1466	.1405	.1469	.1440	.1459	.1422	.1430	.1474	.1524	.1481	.1446
250.			.1667	.1680	.1677	.1708	.1683	.1656	.1664	.1724	.1740	.1701	.1732	.1720
260.				.2323	.2311	.2317	.2303	.2260	.2241	.2298	.2265	.2309	.2272	.2239
270.		.3273	.3086	.3197	.3128	.3160	.3168	.3178	.3177	.3259	.3241	.3231	.3234	.3238
280.				.3193	.3172	.3203	.3239	.3238	.3203	.3248	.3206	.3240	.3289	.3279
290.			.2901	.2843	.2813	.2841	.2840	.2850	.2873	.2882	.2880	.2827	.2920	.2907
305.	.2435	.2564	.2512	.2532	.2455	.2532	.2545	.2569	.2563	.2555	.2554	.2560	.2521	.2550
320.				.2398	.2399		.2405	.2432	.2432	.2388	.2412	.2386	.2363	.2361
335.		.2397	.2365	.2318	.2309	.2318	.2329	.2345	.2352	.2312	.2310	.2273	.2290	.2264
							FOR ALPHA = -1.65 DEG							
0.	.2155	.2163	.1999	.2137	.2107	.2084	.2086	.2103	.2121		.2068	.2051	.2035	.2050
25.		.2199	.2024	.2139	.2095	.2056	.2065	.2050	.2056	.2016	.2045	.2052	.2068	.2012
40.				.2160	.2096		.2064	.2045	.2063	.2022	.2035	.2072	.2069	.2001
55.	.1957	.2190	.2109	.2150	.2046	.2083	.2065	.2058	.2062	.2066	.2084	.2097	.2071	.2026
70.			.2199	.2199	.2182	.2164	.2135	.2125	.2139	.2136	.2208	.2089	.2116	.2114
80.				.2271	.2259	.2244	.2263	.2237	.2224	.2262	.2276	.2192	.2167	.2158
90.		.2263	.2160	.2225	.2176	.2202	.2206	.2230	.2219	.2252	.2233	.2175	.2143	.2138
100.				.1881	.1885	.1880	.1906	.1887	.1862	.1854	.1824	.1846	.1776	.1780
110.			.1719	.1668	.1685	.1677	.1653	.1656	.1655	.1630	.1653	.1596	.1633	.1578
125.	.1506	.1731	.1659	.1625	.1551	.1586	.1559	.1565	.1562	.1550	.1536	.1587	.1530	.1531
140.				.1647	.1588		.1547	.1539	.1544	.1519	.1506	.1526	.1525	.1496
155.		.1763	.1339	.1662	.1582	.1543	.1541	.1524	.1525	.1517	.1523	.1519	.1523	.1499
180.	.1587	.1652	.1360	.1585	.1542	.1516	.1504	.1496	.1530		.1513	.1501	.1512	.1511
205.		.1626	.1592	.1494	.1546	.1502	.1524	.1510	.1508	.1481	.1475	.1508	.1569	.1552
220.				.1548	.1651		.1544	.1550	.1557	.1499	.1517	.1557	.1640	.1576
235.	.1569	.1722	.1682	.1634	.1585	.1668	.1611	.1637	.1622	.1611	.1664	.1696	.1651	.1652
250.			.1908	.1893	.1900	.1930	.1896	.1859	.1891	.1934	.1958	.1914	.1948	.1952
260.				.2499	.2517	.2503	.2506	.2461	.2436	.2501	.2494	.2504	.2473	.2465
270.		.3309	.3120	.3231	.3184	.3182	.3196	.3220	.3223	.3291	.3292	.3263	.3279	.3257
280.				.3066	.3036	.3068	.3088	.3080	.3072	.3091	.3067	.3096	.3135	.3116
290.			.2700	.2664	.2625	.2650	.2633	.2641	.2680	.2671	.2685	.2628	.2714	.2719
305.	.2241	.2369	.2316	.2341	.2259	.2339	.2347	.2382	.2343	.2351	.2351	.2351	.2319	.2331
320.				.2215	.2208		.2224	.2239	.2231	.2180	.2167	.2190	.2166	.2147
335.		.2215	.2188	.2138	.2144	.2134	.2167	.2171	.2146	.2109	.2117	.2102	.2096	.2068

TABLE IV. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.65 DEG								
0.	.2624	.2646	.2599	.2600	.2582	.2607	.2630	.2613	.2616	.2630	.2667	.2659	.2651	0.
25.	.2555	.2531	.2500	.2520	.2511	.2538	.2556	.2526		.2584	.2590	.2646	.2598	25.
40.	.2532	.2531	.2489	.2469	.2471	.2503	.2517	.2523	.2563	.2572	.2562	.2562	.2509	40.
55.	.2477	.2533	.2449	.2476		.2504	.2518	.2541	.2575	.2535	.2499	.2488	.2404	55.
70.	.2496	.2471	.2500	.2472	.2501	.2470	.2528	.2503	.2492	.2508	.2478	.2489	.2448	70.
80.		.2407	.2385	.2416	.2407	.2411	.2389	.2361	.2376	.2413	.2387	.2389	.2354	80.
90.	.1942	.1937	.1934	.1959	.1898	.1907	.1928	.1878	.1877	.1892	.1913	.1909	.1895	90.
100.		.1203	.1181	.1172	.1190	.1203	.1220	.1216	.1174	.1214	.1187	.1186	.1134	100.
110.	.1089	.1051	.1069	.1063	.1028	.1020	.1066	.1101	.1093	.1066	.1041	.1053	.1007	110.
125.	.1054	.1095	.1032	.1046		.1027	.1045	.1067	.1072	.1105	.1062	.1014	.0925	125.
140.	.1102	.1098	.1052	.1052	.1025	.1036	.1046	.1071	.1071	.1080	.1061	.1063	.1001	140.
155.	.1076	.1126	.1076	.1053	.1037	.1063	.1088	.1060		.1058	.1069	.1092	.1051	155.
180.	.1075	.1121	.1106	.1108	.1096	.1109	.1103	.1084	.1078	.1091	.1092	.1074	.1049	180.
205.	.1125	.1127	.1109	.1114	.1092	.1130	.1168	.1182		.1089	.1061	.1081	.1048	205.
220.	.1127	.1124	.1104	.1098	.1074	.1108	.1178	.1154	.1127	.1091	.1082	.1089	.1039	220.
235.	.1113	.1186	.1123	.1133		.1173	.1173	.1129	.1122	.1136	.1128	.1121	.1054	235.
250.	.1307	.1288	.1315	.1310	.1311	.1333	.1316	.1284	.1309	.1301	.1284	.1336	.1315	250.
260.		.1784	.1738	.1727	.1767	.1829	.1802	.1797	.1767	.1764	.1738	.1821	.1743	260.
270.	.3099	.3107	.3091	.3104	.3075	.2983	.3053	.3042	.3032	.3019	.3045	.3069	.3035	270.
280.		.3514	.3490	.3509	.3511	.3467	.3421	.3450	.3462	.3460	.3434	.3458	.3437	280.
290.	.3282	.3242	.3317	.3265	.3245	.3284	.3261	.3206	.3263	.3260	.3259	.3262	.3207	290.
305.	.2955	.3024	.2928	.2971		.2978	.2992	.3007	.2961	.2981	.2950	.2931	.2849	305.
320.	.2860	.2846	.2800	.2793	.2790	.2812	.2834	.2839	.2852	.2808	.2764	.2805	.2754	320.
335.	.2756	.2770	.2720	.2696	.2703	.2727	.2761	.2721		.2733	.2701	.2741	.2698	335.
						FOR ALPHA = -2.65 DEG								
0.	.2238	.2259	.2230	.2250	.2244	.2253	.2277	.2268	.2248	.2260	.2300	.2291	.2263	0.
25.	.2194	.2161	.2158	.2166	.2167	.2194	.2222	.2204		.2231	.2260	.2289	.2221	25.
40.	.2187	.2170	.2139	.2144	.2155	.2171	.2196	.2205	.2222	.2231	.2235	.2242	.2150	40.
55.	.2144	.2195	.2119	.2160		.2176	.2217	.2243	.2254	.2235	.2186	.2179	.2080	55.
70.	.2236	.2193	.2235	.2205	.2236	.2240	.2275	.2274	.2244	.2260	.2210	.2235	.2196	70.
80.		.2262	.2249	.2281	.2288	.2292	.2299	.2253	.2271	.2305	.2248	.2259	.2223	80.
90.	.2114	.2144	.2137	.2163	.2113	.2130	.2133	.2091	.2079	.2094	.2114	.2107	.2072	90.
100.		.1717	.1664	.1663	.1664	.1656	.1663	.1697	.1601	.1648	.1636	.1654	.1600	100.
110.	.1475	.1522	.1518	.1508	.1468	.1440	.1488	.1463	.1505	.1476	.1455	.1493	.1420	110.
125.	.1382	.1474	.1420	.1436		.1393	.1380	.1406	.1420	.1449	.1436	.1388	.1308	125.
140.	.1420	.1389	.1423	.1421	.1390	.1389	.1378	.1384	.1392	.1410	.1413	.1434	.1376	140.
155.	.1416	.1396	.1380	.1427	.1410	.1403	.1415	.1384		.1387	.1401	.1444	.1401	155.
180.	.1392	.1417	.1383	.1387	.1399	.1402	.1411	.1390	.1360	.1369	.1407	.1397	.1371	180.
205.	.1396	.1413	.1422	.1409	.1376	.1387	.1403	.1385		.1426	.1386	.1376	.1332	205.
220.	.1437	.1442	.1423	.1422	.1411	.1393	.1403	.1430	.1446	.1432	.1416	.1412	.1358	220.
235.	.1487	.1560	.1479	.1506		.1483	.1485	.1530	.1498	.1505	.1487	.1465	.1398	235.
250.	.1782	.1729	.1773	.1787	.1728	.1712	.1744	.1775	.1763	.1754	.1730	.1778	.1737	250.
260.		.2250	.2225	.2232	.2261	.2203	.2256	.2328	.2253	.2255	.2214	.2261	.2211	260.
270.	.3244	.3237	.3231	.3248	.3223	.3142	.3160	.3197	.3195	.3186	.3185	.3187	.3166	270.
280.		.3242	.3215	.3240	.3271	.3240	.3175	.3218	.3211	.3247	.3192	.3218	.3186	280.
290.	.2925	.2858	.2892	.2893	.2896	.2914	.2908	.2854	.2910	.2895	.2864	.2911	.2871	290.
305.	.2552	.2609	.2518	.2579		.2596	.2608	.2633	.2587	.2576	.2556	.2543	.2456	305.
320.	.2443	.2433	.2402	.2405	.2408	.2431	.2454	.2475	.2458	.2415	.2379	.2399	.2359	320.
335.	.2339	.2349	.2335	.2344	.2338	.2365	.2390	.2361		.2352	.2339	.2348	.2303	335.
						FOR ALPHA = -1.65 DEG								
0.	.2046	.2078	.2064	.2081	.2066	.2084	.2113	.2089	.2064	.2092	.2120	.2112	.2080	0.
25.	.2016	.2003	.1990	.1999	.2003	.2032	.2061	.2037		.2073	.2090	.2114	.2048	25.
40.	.2013	.2003	.1973	.1986	.1977	.2005	.2038	.2053	.2057	.2072	.2081	.2067	.1992	40.
55.	.1986	.2033	.1962	.2023		.2031	.2072	.2099	.2094	.2073	.2031	.2026	.1920	55.
70.	.2083	.2040	.2091	.2085	.2104	.2107	.2151	.2144	.2116	.2112	.2068	.2099	.2087	70.
80.		.2171	.2161	.2205	.2217	.2219	.2224	.2177	.2193	.2217	.2158	.2171	.2137	80.
90.	.2151	.2183	.2186	.2234	.2175	.2189	.2189	.2158	.2149	.2153	.2165	.2156	.2126	90.
100.		.1839	.1871	.1861	.1859	.1829	.1846	.1898	.1785	.1816	.1800	.1829	.1771	100.
110.	.1643	.1646	.1725	.1681	.1654	.1621	.1654	.1646	.1672	.1633	.1624	.1668	.1609	110.
125.	.1532	.1595	.1581	.1594		.1563	.1542	.1550	.1578	.1590	.1595	.1547	.1470	125.
140.	.1579	.1546	.1532	.1571	.1549	.1552	.1535	.1523	.1530	.1548	.1552	.1590	.1540	140.
155.	.1570	.1555	.1519	.1540	.1573	.1572	.1560	.1523		.1525	.1544	.1583	.1558	155.
180.	.1541	.1569	.1535	.1528	.1528	.1563	.1553	.1527	.1507	.1508	.1544	.1543	.1528	180.
205.	.1566	.1561	.1560	.1568	.1544	.1545	.1543	.1508		.1586	.1551	.1553	.1494	205.
220.	.1610	.1606	.1577	.1584	.1576	.1577	.1567	.1556	.1609	.1598	.1581	.1589	.1529	220.
235.	.1673	.1752	.1666	.1687		.1673	.1661	.1669	.1716	.1692	.1666	.1656	.1568	235.
250.	.1994	.1958	.1997	.2001	.1967	.1930	.1914	.2008	.2003	.1982	.1959	.1979	.1938	250.
260.		.2477	.2435	.2456	.2477	.2420	.2424	.2554	.2482	.2487	.2435	.2448	.2417	260.
270.	.3276	.3272	.3255	.3291	.3250	.3193	.3200	.3215	.3241	.3249	.3247	.3225	.3205	270.
280.		.3075	.3058	.3084	.3134	.3103	.3040	.3085	.3056	.3113	.3057	.3076	.3058	280.
290.	.2710	.2665	.2695	.2701	.2707	.2714	.2736	.2655	.2713	.2698	.2680	.2731	.2681	290.
305.	.2338	.2406	.2329	.2374		.2393	.2415	.2447	.2382	.2365	.2367	.2345	.2244	305.
320.	.2237	.2245	.2227	.2232	.2221	.2253	.2276	.2276	.2262	.2222	.2206	.2199	.2170	320.
335.	.2141	.2160	.2168	.2161	.2158	.2191	.2219	.2164		.2169	.2150	.2165	.2113	335.

TABLE IV. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -.05 DEG								
0.	.1988	.1999	.1806	.1967	.1947	.1922	.1920	.1937	.1941		.1893	.1875	.1844	.1861
25.		.2054	.1818	.1983	.1939	.1901	.1909	.1895	.1887	.1853	.1868	.1860	.1872	.1814
40.				.2018	.1933		.1907	.1887	.1894	.1863	.1865	.1892	.1883	.1810
55.	.1823	.2033	.1922	.2011	.1895	.1937	.1902	.1867	.1898	.1884	.1910	.1938	.1857	.1822
70.			.2026	.2051	.2043	.2025	.1985	.1976	.1990	.1992	.2041	.1939	.1934	.1947
80.				.2157	.2163	.2131	.2152	.2133	.2130	.2150	.2160	.2077	.2094	.2084
90.		.2254	.2179	.2233	.2188	.2202	.2203	.2229	.2224	.2253	.2238	.2184	.2171	.2159
100.				.1967	.1964	.1961	.1985	.1977	.1945	.1944	.1915	.1920	.1887	.1867
110.			.1792	.1781	.1784	.1770	.1746	.1757	.1749	.1726	.1727	.1684	.1723	.1680
125.	.1584	.1805	.1730	.1735	.1636	.1674	.1640	.1656	.1641	.1627	.1615	.1633	.1612	.1610
140.				.1752	.1661		.1618	.1620	.1627	.1588	.1576	.1595	.1606	.1582
155.		.1841	.1406	.1752	.1659	.1631	.1618	.1605	.1608	.1589	.1582	.1585	.1599	.1571
180.	.1715	.1759	.1497	.1710	.1658	.1634	.1619	.1621	.1644		.1616	.1625	.1594	.1630
205.		.1779	.1757	.1664	.1697	.1672	.1684	.1668	.1667	.1638	.1633	.1662	.1683	.1714
220.				.1731	.1810		.1719	.1720	.1727	.1677	.1695	.1732	.1768	.1733
235.	.1771	.1889	.1855	.1820	.1763	.1854	.1804	.1816	.1798	.1814	.1848	.1872	.1844	.1849
250.			.2150	.2112	.2112	.2142	.2111	.2078	.2097	.2155	.2187	.2124	.2167	.2163
260.				.2687	.2683	.2693	.2686	.2650	.2617	.2701	.2684	.2707	.2696	.2685
270.		.3326	.3141	.3261	.3202	.3217	.3215	.3238	.3244	.3322	.3292	.3298	.3297	.3317
280.				.2920	.2915	.2918	.2960	.2927	.2914	.2943	.2896	.2939	.2976	.2967
290.			.2466	.2441	.2443	.2469	.2464	.2435	.2466	.2460	.2469	.2415	.2501	.2507
305.	.2061	.2196	.2135	.2133	.2073	.2165	.2160	.2166	.2145	.2132	.2163	.2153	.2121	.2127
320.				.2025	.2040		.2051	.2041	.2037	.1986	.1989	.2003	.1973	.1951
335.		.2059	.2008	.1940	.1977	.1979	.1993	.1977	.1958	.1925	.1923	.1904	.1913	.1868
						FOR ALPHA = .35 DEG								
0.	.1829	.1851	.1615	.1809	.1801	.1771	.1758	.1768	.1780		.1752	.1698	.1657	.1699
25.		.1908	.1597	.1839	.1785	.1756	.1751	.1736	.1727	.1701	.1700	.1688	.1682	.1661
40.				.1860	.1791		.1747	.1735	.1734	.1705	.1690	.1714	.1697	.1641
55.	.1687	.1890	.1785	.1857	.1747	.1785	.1746	.1749	.1750	.1747	.1741	.1763	.1682	.1672
70.			.1872	.1902	.1891	.1877	.1826	.1832	.1845	.1851	.1864	.1765	.1777	.1775
80.				.2045	.2054	.2041	.2036	.2024	.2011	.2051	.2010	.1942	.1948	.1940
90.		.2246	.2173	.2221	.2183	.2206	.2192	.2223	.2216	.2254	.2227	.2158	.2145	.2142
100.				.2058	.2064	.2059	.2085	.2064	.2033	.2040	.2028	.2018	.1994	.1973
110.			.1871	.1905	.1909	.1883	.1858	.1865	.1870	.1839	.1851	.1794	.1836	.1801
125.	.1700	.1920	.1852	.1847	.1739	.1776	.1752	.1778	.1761	.1740	.1734	.1740	.1715	.1725
140.				.1867	.1784		.1751	.1733	.1745	.1698	.1684	.1692	.1715	.1701
155.		.1950	.1545	.1846	.1783	.1748	.1743	.1712	.1714	.1698	.1684	.1689	.1714	.1694
180.	.1675	.1896	.1658	.1847	.1794	.1774	.1765	.1766	.1784		.1761	.1754	.1734	.1777
205.		.1949	.1914	.1837	.1860	.1826	.1847	.1830	.1837	.1835	.1815	.1832	.1852	.1901
220.				.1922	.1977		.1896	.1900	.1899	.1851	.1873	.1912	.1918	.1913
235.	.1975	.2041	.2033	.2021	.1952	.2043	.2002	.2016	.1989	.2002	.2045	.2057	.2039	.2026
250.			.2379	.2345	.2318	.2357	.2316	.2293	.2288	.2354	.2379	.2345	.2380	.2380
260.				.2869	.2848	.2867	.2864	.2830	.2784	.2860	.2857	.2895	.2863	.2865
270.		.3339	.3158	.3266	.3218	.3231	.3218	.3242	.3240	.3327	.3295	.3303	.3324	.3308
280.				.2764	.2783	.2783	.2782	.2746	.2747	.2779	.2717	.2748	.2792	.2783
290.			.2250	.2256	.2248	.2286	.2252	.2216	.2257	.2254	.2240	.2201	.2282	.2292
305.	.1885	.2015	.1940	.1973	.1897	.2001	.1968	.1963	.1948	.1941	.1959	.1940	.1917	.1928
320.				.1864	.1878		.1875	.1857	.1847	.1804	.1852	.1814	.1776	.1765
335.		.1892	.1840	.1779	.1833	.1830	.1824	.1814	.1784	.1758	.1802	.1726	.1729	.1695
						FOR ALPHA = 1.35 DEG								
0.	.1674	.1699	.1430	.1661	.1645	.1608	.1601	.1600	.1623		.1577	.1526	.1500	.1552
25.		.1773	.1388	.1691	.1640	.1601	.1599	.1571	.1571	.1558	.1548	.1528	.1526	.1516
40.				.1712	.1649		.1596	.1573	.1588	.1564	.1553	.1564	.1540	.1494
55.	.1547	.1749	.1639	.1703	.1610	.1634	.1588	.1596	.1593	.1598	.1594	.1598	.1532	.1516
70.			.1731	.1743	.1755	.1730	.1674	.1686	.1688	.1694	.1709	.1593	.1619	.1619
80.				.1927	.1929	.1913	.1908	.1897	.1889	.1903	.1862	.1803	.1801	.1799
90.		.2252	.2152	.2220	.2176	.2188	.2180	.2205	.2195	.2241	.2207	.2145	.2132	.2120
100.				.2192	.2181	.2165	.2198	.2176	.2149	.2162	.2160	.2174	.2112	.2093
110.			.2042	.2065	.2073	.2039	.2008	.2022	.2016	.1998	.2048	.1950	.1998	.1950
125.	.1853	.2090	.1996	.2003	.1912	.1944	.1903	.1930	.1906	.1900	.1895	.1916	.1867	.1884
140.				.2009	.1953		.1905	.1896	.1908	.1861	.1856	.1862	.1853	.1862
155.		.2112	.1857	.1986	.1951	.1906	.1914	.1875	.1880	.1859	.1844	.1841	.1861	.1858
180.	.2056	.2058	.1855	.2003	.1963	.1944	.1934	.1928	.1955		.1918	.1919	.1901	.1946
205.		.2135	.2084	.2013	.2029	.1985	.2023	.2021	.2002	.1968	.1972	.2022	.2033	.2028
220.				.2094	.2169		.2080	.2093	.2092	.2017	.2062	.2099	.2096	.2088
235.	.2178	.2286	.2234	.2227	.2151	.2212	.2183	.2233	.2192	.2180	.2231	.2261	.2231	.2228
250.			.2592	.2556	.2538	.2543	.2515	.2507	.2491	.2569	.2573	.2551	.2580	.2579
260.				.3038	.3009	.3015	.3021	.2997	.2936	.3035	.3033	.3052	.3033	.3036
270.		.3336	.3158	.3275	.3217	.3226	.3208	.3233	.3215	.3313	.3296	.3279	.3281	.3297
280.				.2995	.2585	.2620	.2592	.2551	.2543	.2585	.2509	.2596	.2600	.2597
290.			.2056	.2028	.2035	.2078	.2038	.2005	.2021	.2034	.2043	.1989	.2063	.2070
305.	.1697	.1828	.1781	.1779	.1711	.1817	.1770	.1760	.1726	.1736	.1760	.1731	.1709	.1735
320.				.1695	.1709		.1702	.1669	.1662	.1629	.1615	.1624	.1587	.1594
335.		.1731	.1694	.1628	.1667	.1653	.1659	.1635	.1615	.1594	.1574	.1553	.1539	.1536

TABLE IV. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.65 DEG								
0.	.1879	.1916	.1901	.1924	.1906	.1932	.1940	.1920	.1907	.1927	.1953	.1934	.1907	0.
25.	.1852	.1853	.1832	.1838	.1837	.1885	.1913	.1876		.1929	.1925	.1933	.1887	25.
40.	.1857	.1853	.1823	.1844	.1827	.1880	.1900	.1896	.1903	.1918	.1917	.1892	.1811	40.
55.	.1819	.1879	.1835	.1877		.1902	.1933	.1941	.1946	.1919	.1885	.1853	.1775	55.
70.	.1933	.1918	.1969	.1959	.1968	.1982	.2011	.2008	.1950	.1958	.1927	.1976	.1951	70.
80.		.2072	.2058	.2099	.2134	.2129	.2126	.2083	.2088	.2099	.2049	.2072	.2047	80.
90.	.2175	.2190	.2176	.2248	.2187	.2204	.2189	.2178	.2158	.2155	.2166	.2159	.2135	90.
100.		.1907	.1949	.1977	.1961	.1921	.1932	.1987	.1886	.1905	.1882	.1913	.1852	100.
110.	.1731	.1718	.1817	.1798	.1764	.1717	.1741	.1726	.1770	.1715	.1711	.1757	.1706	110.
125.	.1607	.1663	.1635	.1708		.1643	.1633	.1628	.1653	.1664	.1674	.1619	.1550	125.
140.	.1657	.1627	.1603	.1640	.1634	.1633	.1629	.1602	.1600	.1612	.1629	.1653	.1618	140.
155.	.1651	.1646	.1601	.1591	.1636	.1655	.1661	.1600		.1589	.1617	.1658	.1630	155.
180.	.1659	.1692	.1647	.1647	.1625	.1664	.1678	.1646	.1621	.1627	.1647	.1662	.1646	180.
205.	.1725	.1715	.1708	.1729	.1712	.1713	.1706	.1661		.1710	.1726	.1734	.1659	205.
220.	.1784	.1767	.1753	.1759	.1753	.1756	.1741	.1725	.1717	.1773	.1746	.1752	.1709	220.
235.	.1868	.1948	.1857	.1885		.1870	.1855	.1840	.1916	.1891	.1855	.1839	.1752	235.
250.	.2205	.2180	.2214	.2221	.2176	.2142	.2125	.2141	.2242	.2206	.2159	.2196	.2138	250.
260.		.2690	.2653	.2671	.2685	.2628	.2632	.2691	.2694	.2703	.2649	.2651	.2631	260.
270.	.3314	.3292	.3293	.3319	.3289	.3230	.3223	.3232	.3273	.3282	.3278	.3258	.3231	270.
280.		.2909	.2882	.2934	.2981	.2961	.2871	.2921	.2905	.2938	.2903	.2934	.2907	280.
290.	.2512	.2454	.2489	.2519	.2507	.2516	.2528	.2480	.2496	.2518	.2487	.2547	.2495	290.
305.	.2145	.2217	.2145	.2188		.2209	.2232	.2253	.2177	.2200	.2173	.2147	.2066	305.
320.	.2039	.2062	.2036	.2043	.2050	.2066	.2088	.2085	.2072	.2045	.2005	.2024	.1975	320.
335.	.1962	.1998	.2003	.1997	.1992	.2023	.2045	.1983		.1985	.1969	.1992	.1925	335.
						FOR ALPHA = .35 DEG								
0.	.1719	.1765	.1749	.1772	.1753	.1775	.1775	.1764	.1758	.1769	.1789	.1771	.1750	0.
25.	.1704	.1709	.1686	.1704	.1709	.1740	.1756	.1735		.1775	.1758	.1768	.1734	25.
40.	.1712	.1712	.1681	.1696	.1701	.1735	.1749	.1747	.1762	.1773	.1762	.1732	.1671	40.
55.	.1678	.1739	.1684	.1739		.1764	.1788	.1779	.1800	.1770	.1740	.1702	.1632	55.
70.	.1800	.1781	.1830	.1824	.1838	.1845	.1890	.1858	.1815	.1808	.1785	.1846	.1817	70.
80.		.1952	.1941	.1976	.2027	.2001	.2022	.1978	.1972	.1968	.1941	.1967	.1940	80.
90.	.2145	.2173	.2169	.2234	.2195	.2211	.2192	.2166	.2160	.2153	.2161	.2150	.2122	90.
100.		.2022	.2012	.2100	.2065	.2024	.2034	.2090	.1995	.2003	.1964	.1998	.1956	100.
110.	.1843	.1829	.1883	.1922	.1884	.1843	.1860	.1854	.1902	.1837	.1804	.1858	.1816	110.
125.	.1729	.1783	.1736	.1809		.1776	.1747	.1743	.1753	.1775	.1775	.1728	.1655	125.
140.	.1769	.1735	.1710	.1723	.1760	.1749	.1747	.1715	.1695	.1716	.1732	.1762	.1730	140.
155.	.1767	.1763	.1714	.1701	.1725	.1784	.1796	.1722		.1711	.1716	.1765	.1732	155.
180.	.1794	.1828	.1787	.1786	.1766	.1784	.1815	.1784	.1753	.1761	.1771	.1788	.1783	180.
205.	.1903	.1887	.1873	.1880	.1882	.1881	.1889	.1827		.1847	.1893	.1902	.1842	205.
220.	.1976	.1956	.1937	.1937	.1921	.1930	.1918	.1909	.1887	.1946	.1938	.1929	.1893	220.
235.	.2070	.2138	.2062	.2079		.2066	.2044	.2032	.2066	.2099	.2054	.2022	.1950	235.
250.	.2413	.2388	.2420	.2437	.2394	.2368	.2343	.2335	.2457	.2430	.2377	.2409	.2318	250.
260.		.2881	.2842	.2866	.2887	.2819	.2818	.2832	.2894	.2903	.2847	.2836	.2817	260.
270.	.3316	.3290	.3293	.3333	.3294	.3240	.3240	.3242	.3270	.3293	.3283	.3261	.3237	270.
280.		.2732	.2729	.2764	.2815	.2792	.2710	.2760	.2740	.2761	.2735	.2773	.2739	280.
290.	.2313	.2250	.2331	.2329	.2315	.2314	.2337	.2287	.2299	.2305	.2288	.2349	.2295	290.
305.	.1956	.2028	.1963	.2014		.2027	.2048	.2044	.1993	.2006	.1982	.1951	.1879	305.
320.	.1861	.1893	.1867	.1883	.1890	.1903	.1922	.1909	.1908	.1863	.1832	.1850	.1797	320.
335.	.1793	.1829	.1836	.1839	.1829	.1860	.1872	.1819		.1813	.1799	.1814	.1758	335.
						FOR ALPHA = 1.35 DEG								
0.	.1578	.1623	.1601	.1621	.1614	.1615	.1622	.1614	.1604	.1611	.1620	.1614	.1595	0.
25.	.1574	.1566	.1548	.1562	.1573	.1590	.1608	.1601		.1613	.1592	.1633	.1591	25.
40.	.1572	.1566	.1543	.1560	.1569	.1591	.1598	.1613	.1623	.1614	.1607	.1576	.1538	40.
55.	.1538	.1599	.1547	.1606		.1629	.1630	.1644	.1658	.1628	.1589	.1551	.1490	55.
70.	.1658	.1637	.1679	.1691	.1702	.1701	.1750	.1692	.1662	.1660	.1639	.1719	.1653	70.
80.		.1824	.1800	.1863	.1903	.1890	.1889	.1842	.1824	.1841	.1810	.1836	.1804	80.
90.	.2136	.2165	.2163	.2215	.2185	.2210	.2194	.2157	.2139	.2144	.2142	.2127	.2112	90.
100.		.2132	.2124	.2216	.2200	.2147	.2173	.2210	.2116	.2124	.2088	.2106	.2063	100.
110.	.1979	.1980	.2031	.2064	.2061	.1991	.2021	.1991	.2050	.1992	.1954	.2007	.1969	110.
125.	.1885	.1933	.1881	.1943		.1925	.1914	.1906	.1915	.1925	.1939	.1877	.1806	125.
140.	.1938	.1895	.1864	.1880	.1893	.1921	.1910	.1896	.1867	.1856	.1886	.1902	.1883	140.
155.	.1931	.1933	.1874	.1871	.1873	.1948	.1952	.1902		.1860	.1876	.1926	.1891	155.
180.	.1960	.2000	.1948	.1949	.1933	.1947	.1968	.1954	.1910	.1926	.1946	.1943	.1947	180.
205.	.2072	.2071	.2037	.2054	.2049	.2062	.2063	.1996		.2004	.2057	.2091	.2008	205.
220.	.2153	.2145	.2109	.2113	.2096	.2112	.2126	.2078	.2057	.2077	.2137	.2122	.2068	220.
235.	.2258	.2335	.2255	.2272		.2265	.2248	.2233	.2214	.2311	.2258	.2213	.2132	235.
250.	.2616	.2582	.2644	.2621	.2586	.2562	.2564	.2544	.2624	.2631	.2594	.2601	.2528	250.
260.		.3034	.3018	.3042	.3033	.2986	.3009	.3003	.3050	.3068	.3024	.2992	.2980	260.
270.	.3282	.3278	.3282	.3309	.3282	.3227	.3228	.3231	.3249	.3279	.3267	.3256	.3233	270.
280.		.2561	.2539	.2562	.2611	.2606	.2535	.2559	.2538	.2576	.2552	.2597	.2555	280.
290.	.2097	.2048	.2106	.2117	.2112	.2123	.2123	.2051	.2086	.2104	.2080	.2132	.2086	290.
305.	.1774	.1845	.1775	.1827		.1857	.1845	.1841	.1802	.1816	.1790	.1759	.1684	305.
320.	.1713	.1723	.1698	.1712	.1714	.1733	.1729	.1733	.1730	.1682	.1658	.1653	.1609	320.
335.	.1639	.1673	.1675	.1677	.1670	.1692	.1696	.1657		.1656	.1625	.1642	.1595	335.

TABLE IV. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 2.35 DEG							
0.	.1527	.1559	.1280	.1535	.1503	.1461	.1450	.1452	.1475		.1402	.1371	.1354	.1404
25.		.1622	.1209	.1577	.1494	.1453	.1444	.1421	.1425	.1424	.1402	.1373	.1385	.1374
40.				.1577	.1497		.1439	.1425	.1442	.1418	.1426	.1414	.1396	.1361
55.	.1402	.1605	.1480	.1551	.1459	.1490	.1439	.1441	.1442	.1452	.1436	.1452	.1390	.1380
70.			.1585	.1581	.1586	.1559	.1509	.1520	.1530	.1533	.1567	.1435	.1466	.1451
80.				.1790	.1776	.1765	.1755	.1750	.1736	.1754	.1681	.1666	.1651	.1626
90.		.2244	.2138	.2213	.2167	.2175	.2162	.2194	.2198	.2231	.2170	.2138	.2113	.2110
100.				.2344	.2345	.2305	.2335	.2325	.2303	.2322	.2297	.2294	.2263	.2252
110.			.2290	.2283	.2276	.2239	.2217	.2217	.2221	.2202	.2212	.2166	.2194	.2157
125.	.2072	.2304	.2243	.2225	.2134	.2170	.2133	.2145	.2141	.2125	.2109	.2128	.2088	.2095
140.				.2217	.2179		.2139	.2136	.2130	.2087	.2076	.2087	.2085	.2080
155.		.2335	.2184	.2207	.2183	.2147	.2143	.2122	.2107	.2090	.2082	.2061	.2088	.2090
180.	.2266	.2267	.2090	.2207	.2167	.2144	.2138	.2130	.2163		.2121	.2123	.2104	.2161
205.		.2324	.2265	.2190	.2216	.2169	.2199	.2190	.2183	.2159	.2182	.2190	.2209	.2286
220.				.2283	.2373		.2265	.2272	.2278	.2215	.2306	.2282	.2295	.2331
235.	.2382	.2495	.2426	.2420	.2358	.2416	.2382	.2404	.2378	.2392	.2423	.2456	.2438	.2431
250.			.2824	.2775	.2749	.2750	.2716	.2681	.2686	.2769	.2782	.2742	.2786	.2781
260.				.3192	.3146	.3155	.3176	.3132	.3096	.3172	.3186	.3226	.3176	.3216
270.		.3323	.3146	.3246	.3193	.3208	.3182	.3184	.3203	.3259	.3259	.3254	.3259	.3249
280.				.2414	.2438	.2445	.2386	.2364	.2359	.2383	.2320	.2367	.2357	.2369
290.			.1858	.1822	.1820	.1862	.1819	.1789	.1821	.1819	.1814	.1762	.1831	.1863
305.	.1515	.1655	.1637	.1595	.1527	.1621	.1579	.1573	.1555	.1553	.1560	.1540	.1523	.1561
320.				.1527	.1552		.1522	.1495	.1492	.1456	.1438	.1445	.1419	.1435
335.		.1585	.1550	.1485	.1517	.1493	.1503	.1477	.1459	.1428	.1406	.1398	.1387	.1391
							FOR ALPHA = 3.35 DEG							
0.	.1382	.1432	.1141	.1399	.1360	.1313	.1307	.1312	.1332		.1262	.1242	.1223	.1271
25.		.1494	.1096	.1446	.1367	.1313	.1302	.1288	.1299	.1285	.1265	.1240	.1261	.1240
40.				.1429	.1369		.1304	.1295	.1305	.1277	.1261	.1278	.1258	.1225
55.	.1266	.1470	.1390	.1393	.1318	.1347	.1296	.1293	.1302	.1302	.1296	.1308	.1242	.1235
70.			.1402	.1421	.1407	.1404	.1353	.1349	.1371	.1360	.1350	.1266	.1297	.1302
80.				.1626	.1612	.1609	.1607	.1563	.1578	.1577	.1492	.1490	.1472	.1463
90.		.2193	.2083	.2150	.2100	.2107	.2100	.2129	.2135	.2161	.2095	.2067	.2049	.2039
100.				.2410	.2400	.2354	.2397	.2395	.2366	.2384	.2361	.2355	.2329	.2327
110.			.2417	.2396	.2395	.2360	.2341	.2338	.2352	.2322	.2329	.2273	.2301	.2270
125.	.2222	.2437	.2402	.2367	.2272	.2311	.2271	.2279	.2284	.2270	.2247	.2272	.2228	.2221
140.				.2374	.2324		.2284	.2275	.2278	.2239	.2221	.2231	.2245	.2218
155.		.2471	.2342	.2353	.2334	.2309	.2288	.2274	.2263	.2244	.2224	.2203	.2242	.2240
180.	.2453	.2439	.2303	.2378	.2331	.2327	.2311	.2310	.2336		.2282	.2284	.2273	.2334
205.		.2530	.2456	.2394	.2398	.2363	.2380	.2389	.2369	.2341	.2377	.2393	.2405	.2461
220.				.2495	.2560		.2454	.2464	.2470	.2416	.2474	.2492	.2492	.2485
235.	.2579	.2700	.2641	.2645	.2564	.2608	.2597	.2623	.2585	.2609	.2639	.2668	.2643	.2626
250.			.3048	.2975	.2959	.2948	.2934	.2886	.2910	.2962	.2970	.2945	.2992	.2984
260.				.3348	.3309	.3288	.3307	.3265	.3256	.3304	.3315	.3334	.3328	.3334
270.		.3288	.3118	.3222	.3165	.3165	.3132	.3139	.3158	.3211	.3201	.3200	.3192	.3206
280.				.2225	.2238	.2242	.2168	.2154	.2137	.2156	.2106	.2171	.2158	.2139
290.			.1638	.1598	.1604	.1646	.1592	.1560	.1581	.1610	.1573	.1545	.1626	.1648
305.	.1347	.1487	.1457	.1412	.1345	.1446	.1390	.1377	.1370	.1363	.1361	.1348	.1372	.1395
320.				.1357	.1394		.1349	.1339	.1333	.1297	.1311	.1266	.1301	.1301
335.		.1449	.1392	.1336	.1376	.1333	.1342	.1328	.1307	.1274	.1259	.1256	.1246	.1254
							FOR ALPHA = 5.35 DEG							
0.	.1126	.1178	.0875	.1139	.1091	.1051	.1042	.1046	.1058		.1000	.0995	.0978	.1026
25.		.1226	.0871	.1175	.1101	.1044	.1039	.1033	.1050	.1016	.1021	.1016	.1011	.1000
40.				.1142	.1103		.1041	.1029	.1032	.1025	.1016	.1021	.0999	.0985
55.	.1007	.1202	.0994	.1097	.1037	.1049	.1013	.1015	.0993	.1028	.1021	.1013	.0974	.0973
70.			.1031	.1074	.1039	.1054	.1005	.0992	.1007	.1009	.0980	.0929	.0959	.0982
80.				.1271	.1231	.1228	.1209	.1188	.1172	.1172	.1079	.1082	.1073	.1082
90.		.2047	.1981	.1987	.1918	.1950	.1910	.1943	.1944	.1954	.1888	.1866	.1850	.1840
100.				.2507	.2485	.2458	.2509	.2498	.2471	.2495	.2438	.2467	.2428	.2412
110.			.2684	.2654	.2636	.2616	.2591	.2600	.2582	.2582	.2567	.2529	.2542	.2518
125.	.2518	.2739	.2750	.2703	.2571	.2630	.2594	.2606	.2596	.2598	.2563	.2581	.2533	.2528
140.				.2732	.2663		.2626	.2623	.2627	.2581	.2552	.2558	.2541	.2553
155.		.2784	.2673	.2727	.2680	.2653	.2659	.2645	.2625	.2592	.2575	.2554	.2576	.2583
180.	.2845	.2797	.2771	.2755	.2711	.2690	.2688	.2707	.2724		.2664	.2682	.2650	.2719
205.		.2918	.2863	.2813	.2796	.2767	.2774	.2769	.2764	.2746	.2786	.2776	.2815	.2858
220.				.2933	.2966		.2856	.2866	.2873	.2853	.2875	.2907	.2929	.2892
235.	.2966	.3127	.3071	.3074	.2965	.3007	.2988	.3008	.2999	.3043	.3059	.3095	.3074	.3042
250.			.3426	.3389	.3352	.3314	.3285	.3254	.3347	.3319	.3380	.3326	.3422	.3373
260.				.3584	.3542	.3506	.3537	.3480	.3537	.3535	.3571	.3564	.3580	.3604
270.		.3185	.3056	.3105	.3037	.3031	.2971	.2991	.3050	.3035	.3064	.3021	.3039	.3043
280.				.1790	.1793	.1778	.1718	.1678	.1703	.1613	.1625	.1686	.1674	.1643
290.			.1174	.1122	.1133	.1170	.1133	.1093	.1117	.1086	.1107	.1135	.1180	.1182
305.	.1013	.1149	.1061	.1041	.0996	.1074	.1010	.0984	.0982	.1012	.0976	.1065	.1097	.1042
320.				.1059	.1080		.1031	.1012	.1004	.0988	.0967	.0964	.1011	.1024
335.		.1182	.0993	.1060	.1091	.1046	.1055	.1022	.1016	.0992	.0985	.0962	.0987	.1017

TABLE IV. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = 2.35 DEG								
0.	.1436	.1487	.1469	.1491	.1465	.1469	.1484	.1472	.1452	.1458	.1472	.1463	.1445	0.
25.	.1436	.1442	.1418	.1441	.1433	.1449	.1476	.1461		.1454	.1449	.1491	.1443	25.
40.	.1431	.1435	.1417	.1427	.1431	.1449	.1469	.1480	.1486	.1474	.1454	.1432	.1399	40.
55.	.1399	.1462	.1416	.1463		.1476	.1490	.1493	.1516	.1471	.1439	.1413	.1364	55.
70.	.1501	.1481	.1533	.1534	.1569	.1551	.1599	.1523	.1510	.1508	.1506	.1555	.1508	70.
80.		.1667	.1661	.1711	.1742	.1758	.1721	.1696	.1670	.1682	.1669	.1698	.1659	80.
90.	.2127	.2154	.2161	.2210	.2176	.2197	.2199	.2139	.2134	.2131	.2132	.2126	.2114	90.
100.		.2300	.2299	.2347	.2363	.2315	.2325	.2356	.2271	.2280	.2246	.2275	.2223	100.
110.	.2180	.2183	.2238	.2236	.2277	.2213	.2220	.2199	.2253	.2193	.2157	.2205	.2166	110.
125.	.2091	.2158	.2095	.2153		.2160	.2144	.2130	.2139	.2153	.2159	.2088	.2024	125.
140.	.2160	.2133	.2102	.2113	.2101	.2159	.2144	.2126	.2100	.2087	.2111	.2138	.2108	140.
155.	.2160	.2158	.2112	.2096	.2092	.2163	.2183	.2128		.2091	.2113	.2151	.2120	155.
180.	.2168	.2201	.2157	.2161	.2137	.2156	.2163	.2158	.2120	.2121	.2147	.2137	.2153	180.
205.	.2255	.2255	.2222	.2236	.2222	.2244	.2246	.2195		.2162	.2209	.2272	.2201	205.
220.	.2344	.2337	.2293	.2308	.2290	.2298	.2310	.2276	.2258	.2293	.2304	.2301	.2248	220.
235.	.2445	.2533	.2447	.2480		.2453	.2443	.2436	.2417	.2507	.2450	.2414	.2337	235.
250.	.2814	.2779	.2839	.2826	.2793	.2765	.2740	.2734	.2807	.2836	.2789	.2798	.2727	250.
260.		.3188	.3180	.3214	.3195	.3142	.3138	.3152	.3200	.3238	.3165	.3141	.3116	260.
270.	.3247	.3249	.3258	.3285	.3250	.3194	.3199	.3203	.3214	.3246	.3231	.3217	.3203	270.
280.		.2356	.2333	.2356	.2415	.2401	.2338	.2368	.2339	.2373	.2348	.2401	.2352	280.
290.	.1880	.1853	.1902	.1917	.1899	.1922	.1895	.1864	.1896	.1895	.1886	.1929	.1870	290.
305.	.1612	.1663	.1595	.1656		.1659	.1654	.1650	.1623	.1624	.1607	.1579	.1503	305.
320.	.1559	.1560	.1540	.1561	.1554	.1564	.1563	.1573	.1551	.1512	.1490	.1489	.1451	320.
335.	.1500	.1543	.1529	.1535	.1533	.1535	.1542	.1502		.1487	.1460	.1479	.1438	335.
						FOR ALPHA = 3.35 DEG								
0.	.1308	.1357	.1343	.1352	.1318	.1332	.1346	.1335	.1307	.1312	.1332	.1324	.1313	0.
25.	.1311	.1313	.1299	.1303	.1298	.1330	.1358	.1340		.1317	.1328	.1357	.1312	25.
40.	.1304	.1303	.1288	.1305	.1300	.1322	.1349	.1353	.1338	.1338	.1304	.1302	.1268	40.
55.	.1266	.1330	.1286	.1342		.1348	.1353	.1360	.1377	.1317	.1294	.1282	.1228	55.
70.	.1349	.1330	.1382	.1396	.1428	.1389	.1433	.1351	.1357	.1359	.1359	.1396	.1343	70.
80.		.1516	.1511	.1549	.1583	.1612	.1540	.1532	.1491	.1510	.1513	.1537	.1507	80.
90.	.2062	.2088	.2087	.2150	.2105	.2135	.2132	.2068	.2057	.2061	.2058	.2056	.2057	90.
100.		.2351	.2356	.2405	.2421	.2402	.2401	.2419	.2331	.2348	.2304	.2332	.2280	100.
110.	.2299	.2284	.2356	.2348	.2403	.2330	.2332	.2333	.2361	.2302	.2272	.2318	.2277	110.
125.	.2229	.2290	.2232	.2289		.2302	.2275	.2273	.2275	.2294	.2282	.2234	.2149	125.
140.	.2303	.2271	.2241	.2255	.2245	.2308	.2291	.2277	.2244	.2228	.2246	.2289	.2244	140.
155.	.2304	.2306	.2263	.2243	.2250	.2302	.2342	.2281		.2236	.2248	.2302	.2258	155.
180.	.2342	.2373	.2330	.2331	.2307	.2326	.2326	.2321	.2289	.2283	.2313	.2307	.2315	180.
205.	.2450	.2452	.2410	.2413	.2411	.2434	.2444	.2383		.2345	.2380	.2467	.2395	205.
220.	.2535	.2542	.2498	.2498	.2481	.2488	.2511	.2471	.2444	.2453	.2514	.2502	.2453	220.
235.	.2642	.2737	.2647	.2684		.2654	.2644	.2633	.2627	.2719	.2665	.2612	.2541	235.
250.	.3008	.2968	.3043	.3027	.2983	.2968	.2950	.2937	.3005	.3039	.2994	.2986	.2913	250.
260.		.3325	.3337	.3355	.3350	.3294	.3293	.3310	.3348	.3366	.3312	.3280	.3263	260.
270.	.3208	.3202	.3212	.3242	.3216	.3128	.3158	.3159	.3177	.3185	.3185	.3190	.3155	270.
280.		.2152	.2120	.2156	.2223	.2173	.2121	.2144	.2136	.2158	.2146	.2181	.2135	280.
290.	.1673	.1645	.1688	.1704	.1709	.1701	.1664	.1651	.1680	.1685	.1659	.1704	.1658	290.
305.	.1414	.1488	.1417	.1485		.1475	.1483	.1473	.1442	.1439	.1421	.1390	.1328	305.
320.	.1401	.1403	.1388	.1407	.1386	.1396	.1408	.1409	.1383	.1347	.1321	.1323	.1290	320.
335.	.1370	.1396	.1382	.1389	.1361	.1385	.1383	.1353		.1327	.1311	.1334	.1296	335.
						FOR ALPHA = 5.35 DEG								
0.	.1078	.1124	.1083	.1082	.1069	.1078	.1080	.1060	.1044	.1056	.1070	.1069	.1054	0.
25.	.1075	.1076	.1055	.1064	.1072	.1106	.1110	.1068		.1073	.1092	.1105	.1063	25.
40.	.1077	.1060	.1037	.1056	.1063	.1096	.1099	.1082	.1072	.1076	.1048	.1046	.1027	40.
55.	.1016	.1077	.1028	.1069		.1090	.1085	.1104	.1045	.1033	.1028	.1023	.0941	55.
70.	.1017	.1021	.1073	.1094	.1060	.1067	.1063	.0991	.1029	.1037	.1028	.1047	.1010	70.
80.		.1145	.1140	.1167	.1201	.1179	.1114	.1129	.1098	.1150	.1121	.1145	.1155	80.
90.	.1857	.1893	.1911	.1950	.1951	.1907	.1910	.1857	.1853	.1860	.1863	.1860	.1871	90.
100.		.2462	.2481	.2511	.2519	.2540	.2578	.2458	.2439	.2446	.2430	.2435	.2380	100.
110.	.2542	.2548	.2616	.2595	.2665	.2579	.2602	.2613	.2589	.2550	.2529	.2559	.2520	110.
125.	.2534	.2610	.2552	.2613		.2629	.2597	.2603	.2601	.2625	.2569	.2518	.2457	125.
140.	.2630	.2604	.2580	.2587	.2589	.2669	.2640	.2610	.2582	.2574	.2590	.2627	.2561	140.
155.	.2652	.2661	.2594	.2599	.2605	.2662	.2699	.2632		.2588	.2606	.2656	.2627	155.
180.	.2702	.2742	.2698	.2708	.2690	.2694	.2698	.2688	.2663	.2667	.2678	.2689	.2693	180.
205.	.2839	.2852	.2820	.2807	.2820	.2844	.2859	.2774		.2717	.2804	.2873	.2781	205.
220.	.2945	.2943	.2904	.2900	.2901	.2905	.2905	.2879	.2842	.2862	.2899	.2900	.2842	220.
235.	.3058	.3144	.3066	.3101		.3061	.3060	.3058	.3037	.3118	.3073	.3027	.2916	235.
250.	.3390	.3343	.3428	.3393	.3356	.3318	.3322	.3332	.3412	.3416	.3355	.3341	.3303	250.
260.		.3579	.3595	.3590	.3576	.3518	.3547	.3556	.3614	.3615	.3528	.3549	.3515	260.
270.	.3052	.3073	.3067	.3098	.3054	.2976	.3004	.3011	.3011	.3034	.3015	.3042	.3010	270.
280.		.1674	.1644	.1664	.1728	.1651	.1643	.1666	.1664	.1696	.1669	.1703	.1617	280.
290.	.1221	.1201	.1251	.1265	.1258	.1215	.1203	.1194	.1235	.1234	.1218	.1255	.1204	290.
305.	.1069	.1133	.1083	.1107		.1130	.1125	.1074	.1072	.1088	.1051	.1033	.0961	305.
320.	.1108	.1107	.1082	.1084	.1076	.1098	.1093	.1087	.1050	.1018	.0994	.1006	.0978	320.
335.	.1124	.1132	.1101	.1094	.1092	.1094	.1096	.1054		.1032	.1022	.1041	.1005	335.

TABLE IV. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 10.35 DEG							
0.	.0504	.0520	.0380	.0587	.0554	.0508	.0507	.0527	.0549		.0500	.0499	.0476	.0500
25.		.0570	.0509	.0581	.0566	.0518	.0532	.0540	.0569	.0535	.0495	.0471	.0498	.0492
40.				.0549	.0531		.0490	.0496	.0523	.0482	.0446	.0444	.0450	.0456
55.	.0367	.0544	.0276	.0386	.0381	.0402	.0387	.0402	.0399	.0386	.0348	.0357	.0349	.0346
70.			-.0005	-.0017	.0026	.0051	.0053	.0056	.0052	.0047	.0033	.0008	.0034	.0062
80.				-.0004	-.0016	-.0065	-.0083	-.0110	-.0136	-.0171	-.0194	-.0209	-.0203	-.0221
90.		.1414	.1405	.1272	.1216	.1254	.1174	.1145	.1164	.1156	.1152	.1097	.1103	.1064
100.				.2650	.2645	.2527	.2494	.2466	.2513	.2565	.2550	.2523	.2609	.2570
110.			.3390	.3322	.3299	.3268	.3257	.3240	.3171	.3162	.3173	.3166	.3212	.3204
125.	.3391	.3619	.3619	.3633	.3493	.3556	.3516	.3510	.3483	.3439	.3472	.3476	.3491	.3467
140.				.3733	.3682		.3547	.3606	.3609	.3553	.3531	.3589	.3584	.3581
155.		.3818	.3795	.3756	.3755	.3763	.3712	.3651	.3648	.3631	.3601	.3663	.3660	.3648
180.	.3966	.3875	.3818	.3848	.3811	.3826	.3782	.3783	.3824		.3792	.3793	.3768	.3846
205.		.4034	.3918	.3899	.3890	.3892	.3952	.3945	.3937	.3952	.3960	.3920	.3962	.3965
220.				.4013	.4053		.4036	.4043	.4062	.4047	.4030	.4047	.4065	.4048
235.	.3987	.4212	.4153	.4132	.3986	.4097	.4153	.4187	.4186	.4202	.4167	.4221	.4181	.4161
250.			.4297	.4248	.4190	.4217	.4260	.4283	.4290	.4270	.4301	.4279	.4313	.4304
260.				.3934	.3876	.3869	.4020	.4016	.3969	.3984	.4025	.4028	.4053	.4050
270.		.2709	.2598	.2525	.2415	.2496	.2411	.2441	.2499	.2501	.2495	.2455	.2445	.2424
280.				.0465	.0400	.0354	.0240	.0229	.0272	.0243	.0200	.0177	.0144	.0142
290.			-.0181	-.0244	-.0256	-.0233	-.0258	-.0216	-.0122	-.0083	-.0088	-.0117	-.0105	-.0086
305.	.0175	.0392	.0112	.0090	.0087	.0170	.0164	.0146	.0185	.0242	.0192	.0189	.0183	.0178
320.				.0328	.0395		.0367	.0343	.0375	.0390	.0356	.0358	.0363	.0340
335.		.0492	.0169	.0490	.0483	.0439	.0454	.0451	.0459	.0461	.0455	.0445	.0448	.0446
							FOR ALPHA = 15.35 DEG							
0.	.0125	.0224	.0095	.0153	.0102	.0081	.0070	.0070	.0107		.0030	.0027	.0012	.0064
25.		.0297	.0178	.0146	.0080	.0077	.0090	.0094	.0113	.0086	.0077	.0070	.0094	.0099
40.				-.0031	-.0184		-.0060	-.0010	.0009	-.0000	-.0021	-.0013	-.0006	-.0047
55.	-.0256	-.0295	-.0527	-.0289	-.0256	-.0224	-.0397	-.0378	-.0387	-.0359	-.0329	-.0268	-.0298	-.0250
70.			-.0857	-.1013	-.1069	-.1129	-.1211	-.1258	-.1295	-.1284	-.1231	-.1185	-.1093	-.1083
80.				-.1406	-.1476	-.1603	-.1689	-.1805	-.1918	-.2010	-.2051	-.2112	-.2138	-.2233
90.		.0673	.0616	.0474	.0393	.0422	.0281	.0248	.0304	.0343	.0318	.0242	.0272	.0217
100.				.2702	.2648	.2467	.2652	.2598	.2573	.2632	.2613	.2588	.2671	.2798
110.			.3492	.4003	.3909	.3885	.3849	.3878	.3871	.3915	.3970	.3948	.3929	.4040
125.	.4433	.4702	.4524	.4681	.4478	.4528	.4519	.4496	.4543	.4595	.4624	.4602	.4605	.4580
140.				.4910	.4805		.4777	.4757	.4817	.4816	.4844	.4840	.4855	.4837
155.		.5066	.4984	.5002	.4932	.4872	.4891	.4883	.4966	.4954	.4991	.4971	.4972	.5003
180.	.5259	.5183	.5047	.5159	.5122	.5062	.5053	.5123	.5198		.5194	.5162	.5116	.5153
205.		.5328	.5176	.5265	.5298	.5244	.5255	.5289	.5295	.5270	.5324	.5270	.5251	.5255
220.				.5361	.5457		.5329	.5361	.5363	.5363	.5375	.5336	.5317	.5314
235.	.5050	.5414	.5286	.5436	.5324	.5365	.5349	.5401	.5404	.5435	.5427	.5406	.5328	.5374
250.			.5243	.5236	.5210	.5177	.5179	.5203	.5204	.5220	.5217	.5132	.5188	.5185
260.				.4314	.4298	.4128	.4380	.4351	.4280	.4353	.4288	.4272	.4350	.4306
270.		.2111	.2034	.1921	.1878	.1943	.1834	.1816	.1874	.1857	.1817	.1805	.1751	.1647
280.				-.0830	-.0915	-.1011	-.1125	-.1193	-.1256	-.1329	-.1358	-.1361	-.1437	-.1500
290.			-.1493	-.1522	-.1482	-.1523	-.1621	-.1715	-.1805	-.1869	-.1912	-.1973	-.2034	-.2077
305.	-.0494	-.0478	-.0782	-.0908	-.1117	-.1059	-.0979	-.0780	-.0705	-.0622	-.0611	-.0584	-.0595	-.0671
320.				-.0280	-.0168		-.0182	-.0182	-.0207	-.0242	-.0264	-.0260	-.0232	-.0255
335.		-.0407	-.0062	-.0168	-.0099	-.0073	-.0058	-.0040	-.0038	-.0077	-.0085	-.0095	-.0094	-.0101
							FOR ALPHA = 20.34 DEG							
0.	-.0188	-.0141	-.0428	-.0313	-.0317	-.0325	-.0299	-.0264	-.0236		-.0267	-.0308	-.0321	-.0279
25.		-.0109	-.0323	-.0332	-.0332	-.0328	-.0275	-.0233	-.0169	-.0158	-.0223	-.0255	-.0254	-.0322
40.				-.0815	-.0964		-.0723	-.0620	-.0470	-.0502	-.0524	-.0459	-.0401	-.0383
55.	-.1273	-.1669	-.1606	-.1918	-.1743	-.2327	-.2461	-.2484	-.2480	-.2504	-.2532	-.2491	-.2517	-.2554
70.			-.1875	-.2117	-.2114	-.2106	-.2101	-.2051	-.2110	-.2182	-.2187	-.2151	-.2137	-.2147
80.				-.2364	-.2268	-.2279	-.2252	-.2167	-.2202	-.2168	-.2142	-.2200	-.2208	-.2201
90.		.0026	-.0211	-.0244	-.0276	-.0242	-.0339	-.0336	-.0326	-.0326	-.0354	-.0400	-.0412	-.0437
100.				.2770	.2710	.2403	.2645	.2658	.2744	.2828	.2716	.2687	.2783	.2741
110.			.4689	.4742	.4586	.4531	.4510	.4617	.4636	.4730	.4688	.4659	.4686	.4701
125.	.5550	.5850	.5699	.5830	.5572	.5655	.5675	.5664	.5685	.5756	.5827	.5722	.5717	.5757
140.				.6194	.6076		.6123	.6104	.6095	.6131	.6213	.6172	.6080	.6092
155.		.6456	.6311	.6360	.6285	.6262	.6325	.6309	.6307	.6326	.6400	.6387	.6298	.6295
180.	.6719	.6582	.6491	.6566	.6521	.6540	.6550	.6554	.6611		.6612	.6589	.6489	.6568
205.		.6813	.6651	.6744	.6705	.6703	.6703	.6680	.6720	.6667	.6666	.6636	.6675	.6680
220.				.6815	.6811		.6740	.6754	.6780	.6729	.6691	.6711	.6736	.6696
235.	.6333	.6692	.6618	.6730	.6591	.6622	.6595	.6664	.6679	.6687	.6607	.6661	.6648	.6614
250.			.6190	.6202	.6122	.6017	.6038	.6110	.6084	.6075	.6060	.6083	.6100	.6040
260.				.4598	.4558	.4249	.4559	.4542	.4484	.4520	.4542	.4562	.4591	.4565
270.		.1546	.1423	.1364	.1290	.1354	.1213	.1175	.1263	.1303	.1287	.1214	.1206	.1181
280.				-.1862	-.1970	-.1964	-.2011	-.2053	-.2126	-.2215	-.2234	-.2265	-.2317	-.2352
290.			-.2200	-.2294	-.2313	-.2307	-.2348	-.2334	-.2340	-.2364	-.2368	-.2378	-.2379	-.2379
305.	-.1332	-.1576	-.1735	-.2337	-.2407	-.2338	-.2306	-.2375	-.2411	-.2322	-.2304	-.2279	-.2263	-.2259
320.				-.1150	-.0803		-.1765	-.2058	-.2111	-.2077	-.2114	-.2212	-.2224	-.2277
335.		-.1210	-.0665	-.1070	-.0896	-.0553	-.0405	-.0333	-.0296	-.0250	-.0232	-.0240	-.0239	-.0235

TABLE IV. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.35 DEG								
0.	.0524	.0548	.0518	.0521	.0504	.0513	.0537	.0535	.0521	.0516	.0512	.0508	.0499	0.
25.	.0565	.0563	.0545	.0544	.0545	.0563	.0595	.0565		.0542	.0529	.0540	.0483	25.
40.	.0526	.0513	.0496	.0517	.0503	.0533	.0518	.0500	.0493	.0503	.0483	.0491	.0460	40.
55.	.0392	.0427	.0389	.0412		.0398	.0380	.0401	.0378	.0394	.0388	.0390	.0363	55.
70.	.0099	.0093	.0117	.0133	.0057	.0046	.0064	.0062	.0070	.0078	.0107	.0162	.0093	70.
80.		-.0198	-.0177	-.0241	-.0247	-.0233	-.0203	-.0191	-.0206	-.0206	-.0173	-.0206	-.0191	80.
90.	.1087	.1117	.1194	.1209	.1085	.0995	.1071	.1094	.1033	.1031	.1071	.1057	.1036	90.
100.		.2613	.2647	.2699	.2679	.2557	.2591	.2574	.2523	.2563	.2531	.2546	.2509	100.
110.	.3211	.3227	.3268	.3315	.3294	.3246	.3184	.3196	.3189	.3197	.3163	.3200	.3122	110.
125.	.3475	.3536	.3490	.3599		.3525	.3549	.3521	.3472	.3467	.3469	.3469	.3371	125.
140.	.3678	.3647	.3627	.3650	.3657	.3617	.3619	.3617	.3647	.3589	.3561	.3614	.3572	140.
155.	.3723	.3727	.3713	.3696	.3739	.3704	.3710	.3672		.3696	.3697	.3710	.3660	155.
180.	.3822	.3871	.3815	.3799	.3769	.3800	.3801	.3776	.3739	.3793	.3809	.3802	.3774	180.
205.	.3971	.3992	.3974	.3938	.3902	.3900	.3896	.3855		.3949	.3903	.3921	.3842	205.
220.	.4072	.4070	.4036	.4040	.4016	.3978	.3969	.3982	.4048	.4026	.3989	.3995	.3951	220.
235.	.4146	.4223	.4104	.4199		.4133	.4126	.4207	.4162	.4129	.4095	.4114	.4041	235.
250.	.4302	.4250	.4299	.4228	.4277	.4246	.4299	.4299	.4282	.4215	.4228	.4314	.4162	250.
260.		.3982	.3988	.3979	.3967	.3988	.4056	.3990	.3952	.3994	.3985	.3909	.3848	260.
270.	.2438	.2454	.2416	.2436	.2387	.2324	.2409	.2411	.2375	.2409	.2376	.2325	.2282	270.
280.		.0163	.0090	.0046	.0065	.0066	.0097	.0113	.0163	.0153	.0145	.0134	.0065	280.
290.	-.0037	-.0040	-.0005	-.0043	-.0067	-.0098	-.0075	-.0089	-.0045	-.0056	-.0071	.0024	-.0064	290.
305.	.0200	.0250	.0221	.0245		.0197	.0178	.C163	.0166	.0174	.0180	.0179	.0131	305.
320.	.0412	.0406	.0380	.0386	.0360	.0345	.0342	.0327	.0324	.0325	.0320	.0329	.0323	320.
335.	.0498	.0483	.0459	.0459	.0454	.0464	.0454	.0421		.0416	.0416	.0448	.0432	335.
						FOR ALPHA = 15.35 DEG								
0.	.0087	.0104	.0064	.0066	.0052	.0062	.0088	.0096	.0095	.0096	.0121	.0132	.0125	0.
25.	.0167	.0184	.0134	.0106	.0080	.0091	.0130	.0115		.0135	.0162	.0205	.0139	25.
40.	.0052	-.0014	-.0067	-.0085	-.0093	-.0079	-.0075	-.0057	-.0046	-.0022	-.0044	-.0035	-.0068	40.
55.	-.0262	-.0245	-.0286	-.0251		-.0252	-.0246	-.0207	-.0196	-.0214	-.0198	-.0245	-.0314	55.
70.	-.1059	-.1049	-.1011	-.0966	-.0962	-.0989	-.0929	-.0954	-.0961	-.0931	-.0965	-.0938	-.0970	70.
80.		-.2356	-.2406	-.2434	-.2434	-.2436	-.2406	-.2456	-.2456	-.2527	-.2574	-.2593	-.2609	80.
90.	.0170	.0196	.0173	.0205	.0164	.0101	.0155	.0190	.0199	.0082	.0118	.0106	.0096	90.
100.		.2680	.2675	.2608	.2611	.2593	.2599	.2588	.2620	.2584	.2485	.2570	.2522	100.
110.	.4063	.3970	.3877	.3887	.3912	.3876	.3853	.3844	.3874	.3897	.3852	.3764	.3762	110.
125.	.4613	.4717	.4564	.4531		.4541	.4532	.4509	.4517	.4541	.4503	.4480	.4346	125.
140.	.4873	.4940	.4888	.4826	.4782	.4762	.4754	.4754	.4786	.4802	.4767	.4725	.4673	140.
155.	.4991	.4997	.5014	.5024	.4951	.4882	.4912	.4890		.4926	.4936	.4908	.4808	155.
180.	.5093	.5126	.5123	.5131	.5074	.5074	.5101	.5093	.5048	.5055	.5093	.5073	.5018	180.
205.	.5253	.5244	.5186	.5206	.5204	.5277	.5298	.5219		.5226	.5229	.5214	.5137	205.
220.	.5341	.5303	.5258	.5281	.5266	.5336	.5318	.5306	.5300	.5306	.5238	.5289	.5206	220.
235.	.5316	.5348	.5273	.5398		.5367	.5390	.5387	.5361	.5321	.5302	.5299	.5158	235.
250.	.5113	.5125	.5168	.5172	.5206	.5185	.5223	.5127	.5148	.5117	.5077	.5134	.5045	250.
260.		.4264	.4302	.4261	.4336	.4371	.4280	.4194	.4228	.4236	.4194	.4225	.4108	260.
270.	.1678	.1686	.1689	.1733	.1744	.1654	.1681	.1682	.1633	.1597	.1600	.1608	.1602	270.
280.		-.1576	-.1641	-.1663	-.1669	-.1659	-.1636	-.1692	-.1696	-.1724	-.1742	-.1774	-.1786	280.
290.	-.2125	-.2178	-.2147	-.2167	-.2224	-.2232	-.2231	-.2309	-.2332	-.2338	-.2349	-.2318	-.2294	290.
305.	-.0625	-.0588	-.0628	-.0603		-.0595	-.0591	-.0598	-.0599	-.0616	-.0616	-.0622	-.0653	305.
320.	-.0206	-.0219	-.0232	-.0213	-.0221	-.0210	-.0183	-.0179	-.0186	-.0159	-.0202	-.0190	-.0209	320.
335.	-.0058	-.0069	-.0077	-.0068	-.0074	-.0055	-.0025	-.0026		-.0001	.0023	.0014	-.0027	335.
						FOR ALPHA = 20.34 DEG								
0.	-.0226	-.0207	-.0241	-.0237	-.0238	-.0213	-.0215	-.0232	-.0224	-.0200	-.0208	-.0235	-.0237	0.
25.	-.0186	-.0185	-.0199	-.0208	-.0212	-.0156	-.0151	-.0189		-.0218	-.0194	-.0143	-.0193	25.
40.	-.0299	-.0252	-.0261	-.0248	-.0198	-.0215	-.0197	-.0221	-.0218	-.0203	-.0217	-.0179	-.0204	40.
55.	-.2622	-.2627	-.2664	-.2642		-.2679	-.2659	-.2690	-.2721	-.2737	-.2730	-.2725	-.2754	55.
70.	-.2147	-.2135	-.2091	-.2118	-.2050	-.2138	-.2137	-.2121	-.2123	-.2127	-.2111	-.2075	-.2030	70.
80.		-.2201	-.2247	-.2245	-.2276	-.2288	-.2284	-.2282	-.2288	-.2321	-.2313	-.2279	-.2354	80.
90.	-.0429	-.0371	-.0381	-.0331	-.0428	-.0499	-.0447	-.0404	-.0432	-.0477	-.0464	-.0450	-.0506	90.
100.		.2799	.2802	.2767	.2779	.2609	.2790	.2747	.2732	.2721	.2703	.2704	.2626	100.
110.	.4675	.4645	.4614	.4653	.4679	.4630	.4589	.4656	.4629	.4607	.4589	.4594	.4512	110.
125.	.5791	.5725	.5626	.5709		.5695	.5788	.5690	.5634	.5681	.5672	.5585	.5463	125.
140.	.6244	.6194	.6060	.6077	.6065	.6091	.6099	.6145	.6079	.6046	.6051	.6024	.5929	140.
155.	.6421	.6401	.6260	.6287	.6294	.6309	.6311	.6324		.6272	.6263	.6239	.6163	155.
180.	.6576	.6625	.6558	.6563	.6496	.6516	.6515	.6491	.6475	.6496	.6510	.6455	.6413	180.
205.	.6704	.6747	.6771	.6785	.6675	.6651	.6660	.6626		.6636	.6670	.6645	.6543	205.
220.	.6757	.6791	.6824	.6773	.6688	.6657	.6652	.6681	.6638	.6682	.6655	.6665	.6525	220.
235.	.6639	.6770	.6723	.6707		.6606	.6626	.6624	.6595	.6629	.6619	.6530	.6290	235.
250.	.6114	.6189	.6155	.6121	.6086	.6010	.6059	.6041	.6079	.6096	.5965	.5910	.5892	250.
260.		.4631	.4669	.4579	.4534	.4517	.4557	.4501	.4532	.4514	.4375	.4478	.4350	260.
270.	.1212	.1231	.1202	.1232	.1176	.1065	.1118	.1177	.1196	.1101	.1147	.1080	.1057	270.
280.		-.2405	-.2486	-.2519	-.2552	-.2539	-.2553	-.2556	-.2548	-.2610	-.2606	-.2629	-.2655	280.
290.	-.2408	-.2384	-.2450	-.2474	-.2455	-.2455	-.2458	-.2444	-.2438	-.2431	-.2441	-.2467	-.2476	290.
305.	-.2252	-.2217	-.2157	-.2186		-.2177	-.2118	-.2139	-.2166	-.2173	-.2126	-.2166	-.2179	305.
320.	-.2270	-.2262	-.2283	-.2231	-.2329	-.2367	-.2328	-.2344	-.2361	-.2391	-.2403	-.2378	-.2298	320.
335.	-.0170	-.0133	-.0095	-.0096	-.0090	-.0166	-.0156	-.0179		-.0197	-.0181	-.0142	-.0138	335.

TABLE IV. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.65 DEG								
0.	.2676	.2611	.2589	.2600	.2605	.2591	.2598	.2607	.2648		.2595	.2598	.2527	.2574
25.		.2551	.2490	.2525	.2540	.2527	.2518	.2502	.2518	.2484	.2423	.2411	.2425	.2421
40.				.2522	.2500		.2455	.2447	.2476	.2420	.2331	.2359	.2373	.2364
55.	.2276	.2472	.2437	.2462	.2382	.2405	.2373	.2383	.2387	.2329	.2269	.2333	.2324	.2298
70.			.2375	.2351	.2363	.2315	.2300	.2302	.2225	.2207	.2230	.2230	.2244	.2220
80.				.2160	.2173	.2106	.2177	.2115	.2031	.2068	.2083	.2082	.2093	.2067
90.		.1771	.1680	.1723	.1680	.1693	.1681	.1677	.1645	.1665	.1655	.1610	.1623	.1618
100.				.1205	.1230	.1206	.1191	.1179	.1136	.1126	.1061	.1093	.1149	.1107
110.			.1053	.1100	.1117	.1098	.1053	.1048	.1041	.1017	.1012	.1006	.1075	.1048
125.	.1082	.1273	.1061	.1152	.1082	.1098	.1061	.1055	.1052	.1047	.1041	.1044	.1071	.1038
140.				.1193	.1131		.1080	.1060	.1071	.1055	.1039	.1041	.1038	.1049
155.		.1276	.0995	.1167	.1118	.1087	.1080	.1060	.1080	.1063	.1048	.1024	.1022	.1043
180.	.1123	.1170	.0882	.1101	.1082	.1060	.1053	.1055	.1080		.1032	.0999	.0962	.1010
205.		.1119	.1062	.1009	.1067	.1054	.1067	.1054	.1047	.1019	.0989	.0966	.0975	.0995
220.				.1022	.1046		.1043	.1055	.1065	.1016	.1026	.0973	.1014	.1010
235.	.1014	.1139	.1044	.1037	.1015	.1112	.1065	.1077	.1078	.1066	.1064	.1076	.1079	.1045
250.			.1306	.1228	.1266	.1315	.1277	.1314	.1316	.1289	.1552	.1305	.1317	.1330
260.				.2118	.2118	.2126	.2092	.2095	.2065	.2001	.2052	.2089	.2021	.1968
270.		.3594	.3412	.3505	.3441	.3483	.3488	.3520	.3517	.3505	.3581	.3581	.3526	.3497
280.				.3779	.3791	.3809	.3868	.3837	.3829	.3841	.3852	.3931	.3927	.3865
290.			.3470	.3415	.3429	.3470	.3484	.3463	.3480	.3479	.3521	.3497	.3581	.3514
305.	.2911	.3047	.2988	.3031	.2960	.3077	.3075	.3085	.3074	.3097	.3095	.3101	.3104	.3089
320.				.2827	.2850		.2874	.2859	.2887	.2853	.2862	.2852	.2831	.2850
335.		.2760	.2719	.2687	.2728	.2700	.2745	.2753	.2745	.2718	.2740	.2679	.2700	.2704
						FOR ALPHA = -2.65 DEG								
0.	.2305	.2272	.2227	.2251	.2257	.2214	.2209	.2239	.2258		.2210	.2186	.2150	.2174
25.		.2266	.2169	.2226	.2200	.2159	.2150	.2141	.2158	.2132	.2126	.2060	.2049	.2059
40.				.2223	.2160		.2113	.2103	.2143	.2094	.2059	.2035	.2032	.2022
55.	.2016	.2244	.1967	.2190	.2072	.2090	.2073	.2088	.2100	.2043	.2012	.2047	.2002	.1985
70.			.2139	.2134	.2124	.2071	.2083	.2097	.2041	.1991	.2035	.2000	.2010	.1985
80.				.2058	.2066	.2019	.2077	.2078	.1963	.1987	.2005	.1996	.1984	.1965
90.		.1890	.1738	.1844	.1810	.1828	.1824	.1842	.1787	.1814	.1798	.1765	.1773	.1755
100.				.1464	.1477	.1479	.1474	.1463	.1444	.1427	.1378	.1372	.1371	.1394
110.			.1300	.1348	.1335	.1343	.1302	.1300	.1315	.1281	.1279	.1211	.1253	.1286
125.	.1271	.1484	.1224	.1356	.1251	.1309	.1270	.1262	.1257	.1262	.1225	.1229	.1214	.1224
140.				.1376	.1310		.1279	.1266	.1252	.1244	.1209	.1227	.1233	.1206
155.		.1470	.1172	.1345	.1311	.1287	.1274	.1260	.1248	.1241	.1227	.1224	.1225	.1220
180.	.1381	.1406	.1179	.1333	.1330	.1303	.1292	.1301	.1308		.1281	.1286	.1233	.1262
205.		.1436	.1357	.1318	.1353	.1333	.1382	.1388	.1361	.1314	.1312	.1277	.1295	.1287
220.				.1366	.1438		.1393	.1438	.1428	.1381	.1374	.1313	.1313	.1360
235.	.1427	.1556	.1478	.1466	.1385	.1468	.1484	.1500	.1515	.1516	.1477	.1444	.1442	.1458
250.			.1802	.1782	.1760	.1804	.1802	.1792	.1846	.1832	.1800	.1787	.1848	.1849
260.				.2605	.2573	.2592	.2597	.2566	.2546	.2518	.2456	.2581	.2548	.2528
270.		.3713	.3511	.3623	.3547	.3584	.3615	.3642	.3644	.3655	.3630	.3710	.3692	.3671
280.				.3521	.3509	.3551	.3585	.3579	.3562	.3563	.3577	.3623	.3626	.3603
290.			.3068	.3030	.3019	.3051	.3065	.3046	.3078	.3090	.3093	.3070	.3130	.3121
305.	.2511	.2651	.2588	.2604	.2523	.2632	.2632	.2664	.2651	.2658	.2667	.2656	.2640	.2646
320.				.2429	.2430		.2449	.2461	.2475	.2424	.2442	.2414	.2399	.2415
335.		.2396	.2390	.2300	.2337	.2311	.2354	.2359	.2335	.2301	.2330	.2279	.2280	.2277
						FOR ALPHA = -1.65 DEG								
0.	.2134	.2101	.2022	.2082	.2083	.2050	.2048	.2055	.2079		.2047	.2018	.1955	.1979
25.		.2100	.2001	.2076	.2025	.1992	.1996	.1973	.1993	.1978	.1980	.1916	.1896	.1883
40.				.2078	.1997		.1963	.1954	.1984	.1948	.1906	.1923	.1884	.1876
55.	.1892	.2122	.1791	.2052	.1925	.1957	.1922	.1935	.1952	.1898	.1891	.1926	.1875	.1878
70.			.2015	.2026	.2002	.1969	.1945	.1975	.1923	.1880	.1949	.1932	.1917	.1889
80.				.2023	.2001	.1963	.2009	.2020	.1906	.1924	.1967	.1961	.1949	.1893
90.		.1935	.1821	.1888	.1863	.1880	.1879	.1903	.1849	.1873	.1878	.1840	.1837	.1863
100.				.1593	.1625	.1620	.1606	.1600	.1588	.1578	.1536	.1533	.1530	.1528
110.			.1464	.1499	.1498	.1491	.1447	.1459	.1463	.1436	.1437	.1352	.1407	.1404
125.	.1406	.1617	.1379	.1508	.1389	.1438	.1411	.1408	.1403	.1401	.1360	.1367	.1345	.1352
140.				.1524	.1442		.1432	.1409	.1406	.1378	.1351	.1361	.1368	.1347
155.		.1596	.1345	.1491	.1443	.1420	.1435	.1409	.1396	.1369	.1373	.1360	.1373	.1363
180.	.1530	.1541	.1345	.1481	.1477	.1454	.1445	.1447	.1469		.1417	.1430	.1387	.1425
205.		.1588	.1546	.1490	.1530	.1490	.1532	.1540	.1534	.1490	.1461	.1436	.1437	.1453
220.				.1547	.1632		.1551	.1597	.1598	.1563	.1580	.1497	.1480	.1517
235.	.1614	.1745	.1702	.1674	.1598	.1678	.1655	.1708	.1697	.1720	.1702	.1674	.1664	.1661
250.			.2041	.2025	.2002	.2040	.2026	.2026	.2058	.2063	.2059	.2021	.2114	.2104
260.				.2819	.2795	.2785	.2809	.2791	.2761	.2748	.2705	.2825	.2780	.2760
270.		.3740	.3559	.3669	.3605	.3603	.3643	.3673	.3686	.3696	.3683	.3760	.3756	.3735
280.				.3374	.3371	.3385	.3426	.3422	.3437	.3409	.3435	.3505	.3480	.3486
290.			.2854	.2821	.2804	.2861	.2832	.2845	.2879	.2880	.2894	.2863	.2948	.2935
305.	.2328	.2453	.2414	.2418	.2324	.2447	.2430	.2457	.2433	.2436	.2464	.2466	.2463	.2450
320.				.2215	.2247		.2272	.2264	.2261	.2232	.2239	.2244	.2226	.2229
335.		.2203	.2207	.2108	.2154	.2153	.2175	.2173	.2139	.2121	.2142	.2135	.2108	.2094

TABLE IV. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.65 DEG								
0.	.2585	.2610	.2543	.2554	.2555	.2563	.2594	.2591	.2588	.2610	.2627	.2628	.2598	0.
25.	.2482	.2468	.2411	.2403	.2424	.2467	.2486	.2485		.2518	.2500	.2527	.2474	25.
40.	.2432	.2397	.2355	.2352	.2364	.2401	.2422	.2461	.2432	.2413	.2399	.2425	.2383	40.
55.	.2305	.2340	.2279	.2346		.2346	.2366	.2356	.2349	.2352	.2323	.2296	.2245	55.
70.	.2237	.2213	.2268	.2253	.2265	.2195	.2225	.2249	.2258	.2248	.2212	.2248	.2270	70.
80.		.2092	.2075	.2126	.2027	.2042	.2076	.2058	.2061	.2101	.2082	.2156	.2023	80.
90.	.1623	.1643	.1636	.1672	.1595	.1594	.1598	.1607	.1597	.1608	.1653	.1623	.1589	90.
100.		.1110	.1075	.1115	.1129	.1168	.1095	.1117	.1102	.1118	.1085	.1094	.1051	100.
110.	.1069	.1032	.1054	.1066	.1067	.1048	.1109	.1052	.1068	.1056	.1021	.1047	.0994	110.
125.	.1059	.1091	.1032	.1065		.1077	.1090	.1115	.1103	.1085	.1062	.1030	.0939	125.
140.	.1123	.1097	.1058	.1064	.1052	.1072	.1084	.1114	.1116	.1118	.1075	.1060	.1017	140.
155.	.1130	.1107	.1068	.1067	.1056	.1073	.1112	.1094		.1102	.1087	.1108	.1059	155.
180.	.1084	.1134	.1085	.1078	.1058	.1069	.1071	.1064	.1058	.1083	.1095	.1073	.1031	180.
205.	.1062	.1059	.1067	.1091	.1099	.1112	.1083	.1029		.1068	.1022	.1027	.0989	205.
220.	.1071	.1068	.1034	.1065	.1087	.1105	.1103	.1118	.1126	.1036	.0985	.0985	.0965	220.
235.	.1104	.1166	.1095	.1111		.1118	.1131	.1209	.1313	.1125	.1108	.1073	.1002	235.
250.	.1404	.1374	.1410	.1402	.1365	.1346	.1426	.1354	.1362	.1365	.1366	.1408	.1365	250.
260.		.2026	.1972	.1987	.2014	.2022	.2042	.2038	.1987	.2009	.1963	.1997	.1955	260.
270.	.3541	.3557	.3522	.3571	.3487	.3439	.3459	.3483	.3461	.3467	.3478	.3481	.3428	270.
280.		.3891	.3845	.3879	.3890	.3764	.3816	.3822	.3799	.3829	.3789	.3844	.3776	280.
290.	.3506	.3501	.3550	.3495	.3523	.3486	.3445	.3488	.3500	.3506	.3463	.3514	.3485	290.
305.	.3054	.3152	.3054	.3095		.3127	.3093	.3072	.3091	.3114	.3082	.3041	.2960	305.
320.	.2920	.2884	.2849	.2842	.2835	.2881	.2899	.2898	.2866	.2853	.2821	.2856	.2801	320.
335.	.2783	.2759	.2717	.2708	.2710	.2763	.2781	.2754		.2714	.2691	.2753	.2703	335.
						FOR ALPHA = -2.65 DEG								
0.	.2194	.2223	.2186	.2210	.2201	.2213	.2247	.2239	.2214	.2241	.2264	.2238	.2207	0.
25.	.2118	.2110	.2073	.2083	.2089	.2128	.2179	.2145		.2178	.2169	.2173	.2095	25.
40.	.2087	.2060	.2038	.2054	.2056	.2098	.2125	.2134	.2103	.2094	.2083	.2089	.2038	40.
55.	.1997	.2035	.1992	.2049		.2069	.2104	.2076	.2040	.2053	.2030	.2030	.1968	55.
70.	.1998	.1994	.2054	.2026	.2074	.2006	.2025	.2030	.2034	.2018	.1999	.2039	.2060	70.
80.		.1997	.1980	.2052	.1953	.1984	.2008	.1999	.1989	.2002	.1973	.2061	.1966	80.
90.	.1797	.1811	.1789	.1817	.1757	.1786	.1773	.1756	.1760	.1775	.1807	.1776	.1737	90.
100.		.1428	.1394	.1391	.1448	.1461	.1401	.1398	.1385	.1409	.1389	.1395	.1338	100.
110.	.1359	.1306	.1327	.1292	.1303	.1291	.1348	.1275	.1305	.1309	.1283	.1297	.1246	110.
125.	.1315	.1318	.1252	.1277		.1244	.1281	.1277	.1316	.1279	.1269	.1248	.1155	125.
140.	.1321	.1314	.1272	.1267	.1243	.1241	.1252	.1263	.1288	.1296	.1302	.1277	.1217	140.
155.	.1278	.1319	.1296	.1280	.1260	.1258	.1277	.1255		.1281	.1308	.1319	.1271	155.
180.	.1282	.1336	.1326	.1331	.1299	.1298	.1309	.1294	.1278	.1285	.1311	.1332	.1317	180.
205.	.1397	.1383	.1354	.1367	.1370	.1390	.1396	.1341		.1311	.1389	.1389	.1321	205.
220.	.1445	.1427	.1383	.1394	.1394	.1401	.1422	.1430	.1399	.1437	.1394	.1369	.1308	220.
235.	.1501	.1569	.1510	.1540		.1510	.1504	.1509	.1566	.1596	.1549	.1497	.1402	235.
250.	.1876	.1830	.1893	.1912	.1873	.1861	.1846	.1850	.1921	.1912	.1861	.1887	.1835	250.
260.		.2523	.2497	.2499	.2546	.2522	.2525	.2511	.2577	.2549	.2496	.2518	.2432	260.
270.	.3682	.3669	.3665	.3692	.3654	.3567	.3631	.3579	.3596	.3631	.3631	.3624	.3568	270.
280.		.3570	.3550	.3588	.3632	.3505	.3527	.3553	.3549	.3575	.3529	.3555	.3531	280.
290.	.3116	.3059	.3097	.3102	.3118	.3096	.3063	.3087	.3124	.3106	.3085	.3128	.3093	290.
305.	.2629	.2693	.2613	.2671		.2702	.2702	.2688	.2669	.2686	.2662	.2645	.2557	305.
320.	.2474	.2468	.2432	.2451	.2442	.2481	.2501	.2508	.2462	.2434	.2432	.2440	.2400	320.
335.	.2352	.2358	.2336	.2343	.2327	.2379	.2415	.2371		.2326	.2309	.2354	.2307	335.
						FOR ALPHA = -1.65 DEG								
0.	.2002	.2052	.2023	.2041	.2030	.2054	.2077	.2060	.2047	.2072	.2089	.2060	.2037	0.
25.	.1941	.1946	.1914	.1924	.1936	.1986	.2021	.1978		.2019	.2008	.1997	.1933	25.
40.	.1924	.1917	.1892	.1901	.1909	.1963	.1969	.1976	.1959	.1930	.1925	.1927	.1880	40.
55.	.1852	.1908	.1861	.1914		.1947	.1965	.1931	.1897	.1889	.1884	.1896	.1814	55.
70.	.1883	.1886	.1937	.1927	.1971	.1891	.1907	.1913	.1904	.1892	.1889	.1927	.1945	70.
80.		.1942	.1915	.1999	.1919	.1902	.1944	.1938	.1923	.1941	.1911	.2014	.1906	80.
90.	.1870	.1883	.1861	.1882	.1819	.1849	.1837	.1818	.1814	.1838	.1873	.1845	.1795	90.
100.		.1602	.1562	.1566	.1609	.1604	.1574	.1547	.1530	.1562	.1524	.1559	.1492	100.
110.	.1486	.1481	.1496	.1456	.1440	.1447	.1498	.1423	.1434	.1441	.1426	.1459	.1393	110.
125.	.1405	.1490	.1405	.1423		.1385	.1407	.1418	.1438	.1422	.1406	.1384	.1303	125.
140.	.1433	.1443	.1428	.1410	.1386	.1386	.1390	.1390	.1411	.1425	.1437	.1428	.1372	140.
155.	.1416	.1412	.1445	.1429	.1409	.1412	.1418	.1384		.1417	.1438	.1472	.1426	155.
180.	.1431	.1481	.1446	.1465	.1450	.1453	.1459	.1442	.1419	.1428	.1452	.1456	.1475	180.
205.	.1546	.1551	.1533	.1524	.1529	.1542	.1540	.1510		.1469	.1493	.1561	.1499	205.
220.	.1616	.1622	.1575	.1581	.1572	.1573	.1581	.1581	.1579	.1561	.1597	.1550	.1501	220.
235.	.1708	.1778	.1702	.1755		.1713	.1700	.1683	.1720	.1782	.1765	.1710	.1604	235.
250.	.2129	.2072	.2129	.2130	.2111	.2086	.2100	.2068	.2097	.2158	.2106	.2143	.2082	250.
260.		.2748	.2727	.2720	.2765	.2745	.2760	.2738	.2724	.2809	.2743	.2761	.2673	260.
270.	.3719	.3707	.3697	.3735	.3679	.3620	.3671	.3628	.3623	.3684	.3690	.3672	.3602	270.
280.		.3421	.3389	.3437	.3485	.3355	.3376	.3409	.3401	.3426	.3372	.3424	.3372	280.
290.	.2908	.2849	.2903	.2912	.2916	.2902	.2861	.2870	.2906	.2900	.2881	.2950	.2900	290.
305.	.2427	.2492	.2400	.2477		.2516	.2511	.2483	.2467	.2466	.2474	.2442	.2358	305.
320.	.2265	.2277	.2248	.2256	.2270	.2290	.2321	.2316	.2271	.2246	.2235	.2233	.2197	320.
335.	.2161	.2178	.2169	.2165	.2164	.2196	.2225	.2186		.2149	.2125	.2167	.2126	335.

TABLE IV. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG, CONTINUED

THETA, DEG	.0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							CP AT X/L =							
							FOR ALPHA = -.65 DEG							
0.	.1966	.1951	.1844	.1907	.1925	.1882	.1876	.1881	.1901		.1858	.1831	.1782	.1812
25.		.1969	.1836	.1916	.1863	.1829	.1820	.1818	.1832	.1820	.1786	.1706	.1733	.1718
40.				.1914	.1853		.1813	.1805	.1837	.1802	.1718	.1707	.1711	.1700
55.	.1770	.2010	.1639	.1909	.1777	.1818	.1782	.1788	.1823	.1765	.1715	.1733	.1701	.1695
70.			.1913	.1904	.1873	.1847	.1823	.1836	.1799	.1766	.1782	.1740	.1755	.1735
80.				.1917	.1920	.1896	.1932	.1926	.1827	.1857	.1839	.1842	.1818	.1815
90.		.1978	.1902	.1929	.1912	.1925	.1914	.1946	.1901	.1914	.1839	.1870	.1867	.1860
100.				.1743	.1786	.1769	.1772	.1758	.1751	.1728	.1708	.1690	.1690	.1702
110.			.1641	.1671	.1674	.1660	.1618	.1615	.1639	.1606	.1609	.1542	.1579	.1575
125.	.1575	.1803	.1460	.1682	.1559	.1611	.1576	.1575	.1587	.1562	.1537	.1548	.1510	.1510
140.				.1700	.1614		.1590	.1576	.1587	.1543	.1517	.1526	.1544	.1515
155.		.1761	.1585	.1665	.1621	.1596	.1608	.1584	.1577	.1549	.1534	.1532	.1556	.1532
180.	.1698	.1699	.1545	.1649	.1652	.1621	.1616	.1619	.1639		.1574	.1588	.1565	.1595
205.		.1754	.1725	.1660	.1711	.1668	.1679	.1710	.1695	.1672	.1681	.1602	.1601	.1614
220.				.1753	.1826		.1721	.1788	.1789	.1744	.1729	.1690	.1661	.1703
235.	.1800	.1944	.1918	.1895	.1816	.1901	.1851	.1900	.1904	.1912	.1896	.1873	.1875	.1882
250.			.2276	.2280	.2273	.2283	.2264	.2259	.2291	.2298	.2288	.2232	.2341	.2346
260.				.2998	.3016	.2989	.3007	.3002	.2971	.2957	.2924	.2995	.2991	.2987
270.		.3748	.3565	.3696	.3633	.3629	.3645	.3697	.3699	.3718	.3687	.3746	.3754	.3747
280.				.3241	.3223	.3251	.3241	.3249	.3243	.3239	.3205	.3264	.3291	.3258
290.			.2640	.2617	.2599	.2643	.2625	.2607	.2637	.2649	.2641	.2613	.2684	.2684
305.	.2133	.2249	.2222	.2209	.2138	.2252	.2236	.2233	.2206	.2228	.2220	.2214	.2204	.2200
320.				.2036	.2056		.2067	.2056	.2061	.2017	.2020	.2002	.1990	.1986
335.		.2028	.2025	.1923	.1986	.1979	.2002	.1971	.1951	.1924	.1937	.1925	.1884	.1883
							FOR ALPHA = .35 DEG							
0.	.1805	.1796	.1664	.1754	.1762	.1719	.1712	.1717	.1734		.1683	.1653	.1611	.1652
25.		.1849	.1577	.1761	.1719	.1664	.1672	.1664	.1678	.1658	.1609	.1563	.1572	.1574
40.				.1789	.1713		.1668	.1659	.1676	.1641	.1565	.1565	.1560	.1548
55.	.1640	.1896	.1455	.1776	.1639	.1678	.1638	.1666	.1678	.1618	.1577	.1584	.1563	.1545
70.			.1721	.1763	.1729	.1723	.1704	.1720	.1672	.1631	.1638	.1590	.1613	.1610
80.				.1813	.1821	.1818	.1840	.1830	.1736	.1746	.1737	.1728	.1715	.1722
90.		.1985	.1921	.1930	.1916	.1931	.1922	.1949	.1895	.1918	.1898	.1873	.1877	.1860
100.				.1857	.1888	.1873	.1866	.1866	.1857	.1835	.1825	.1802	.1812	.1809
110.			.1798	.1806	.1804	.1790	.1752	.1755	.1776	.1738	.1748	.1677	.1707	.1699
125.	.1695	.1929	.1581	.1815	.1700	.1745	.1705	.1715	.1723	.1716	.1669	.1688	.1653	.1638
140.				.1836	.1763		.1735	.1732	.1723	.1691	.1662	.1671	.1679	.1656
155.		.1889	.1735	.1815	.1767	.1731	.1757	.1745	.1727	.1698	.1678	.1673	.1695	.1693
180.	.1848	.1845	.1723	.1821	.1806	.1777	.1776	.1781	.1799		.1752	.1740	.1713	.1753
205.		.1918	.1893	.1834	.1863	.1848	.1845	.1862	.1870	.1832	.1847	.1789	.1778	.1774
220.				.1939	.2015		.1911	.1956	.1971	.1915	.1914	.1902	.1857	.1890
235.	.1990	.2126	.2115	.2098	.2022	.2113	.2064	.2110	.2111	.2101	.2099	.2099	.2072	.2094
250.			.2499	.2509	.2495	.2511	.2475	.2497	.2516	.2506	.2512	.2469	.2567	.2556
260.				.3184	.3190	.3172	.3186	.3201	.3158	.3139	.3096	.3202	.3183	.3180
270.		.3755	.3571	.3710	.3653	.3647	.3651	.3702	.3710	.3722	.3706	.3762	.3750	.3750
280.				.3064	.3076	.3093	.3070	.3050	.3050	.3054	.3017	.3101	.3105	.3075
290.			.2407	.2372	.2393	.2440	.2401	.2368	.2409	.2439	.2409	.2407	.2462	.2454
305.	.1928	.2066	.2028	.1999	.1942	.2055	.2017	.1996	.1997	.2012	.2021	.1999	.1994	.2004
320.				.1856	.1878		.1882	.1849	.1861	.1830	.1838	.1800	.1792	.1803
335.		.1863	.1839	.1759	.1826	.1803	.1813	.1787	.1770	.1746	.1751	.1723	.1703	.1739
							FOR ALPHA = 1.35 DEG							
0.	.1648	.1656	.1504	.1592	.1608	.1559	.1551	.1562	.1574		.1509	.1493	.1458	.1497
25.		.1723	.1408	.1612	.1567	.1523	.1523	.1524	.1535	.1514	.1460	.1417	.1448	.1425
40.				.1665	.1564		.1515	.1526	.1552	.1490	.1427	.1427	.1431	.1425
55.	.1524	.1762	.1314	.1654	.1505	.1547	.1512	.1526	.1543	.1469	.1438	.1446	.1422	.1419
70.			.1540	.1615	.1616	.1587	.1574	.1590	.1542	.1508	.1500	.1462	.1480	.1480
80.				.1684	.1730	.1702	.1735	.1725	.1621	.1634	.1609	.1605	.1597	.1601
90.		.1967	.1870	.1908	.1883	.1908	.1900	.1918	.1870	.1891	.1877	.1839	.1842	.1832
100.				.1930	.1939	.1921	.1939	.1927	.1913	.1909	.1898	.1855	.1869	.1861
110.			.1915	.1912	.1900	.1885	.1842	.1845	.1862	.1841	.1877	.1775	.1800	.1794
125.	.1799	.2040	.1697	.1919	.1801	.1855	.1811	.1814	.1824	.1824	.1784	.1792	.1760	.1788
140.				.1940	.1873		.1847	.1846	.1843	.1806	.1787	.1776	.1791	.1771
155.		.2000	.1663	.1937	.1890	.1866	.1863	.1869	.1849	.1812	.1804	.1789	.1805	.1815
180.	.2011	.1981	.1873	.1974	.1960	.1934	.1921	.1936	.1948		.1900	.1887	.1856	.1903
205.		.2080	.2059	.2023	.2049	.2051	.2041	.2046	.2033	.2012	.2070	.1971	.1965	.1949
220.				.2139	.2221		.2120	.2141	.2172	.2109	.2088	.2084	.2068	.2077
235.	.2207	.2315	.2296	.2315	.2235	.2330	.2284	.2314	.2331	.2312	.2309	.2311	.2311	.2295
250.			.2734	.2739	.2734	.2751	.2708	.2698	.2753	.2729	.2737	.2697	.2798	.2779
260.				.3350	.3375	.3359	.3368	.3372	.3348	.3313	.3273	.3400	.3377	.3365
270.		.3754	.3553	.3684	.3652	.3649	.3650	.3672	.3702	.3706	.3667	.3752	.3736	.3736
280.				.2903	.2908	.2915	.2867	.2838	.2846	.2853	.2806	.2889	.2889	.2841
290.			.2179	.2162	.2175	.2211	.2169	.2132	.2166	.2215	.2177	.2139	.2216	.2221
305.	.1738	.1864	.1841	.1814	.1744	.1852	.1804	.1794	.1785	.1803	.1791	.1774	.1770	.1789
320.				.1695	.1704		.1688	.1662	.1670	.1635	.1637	.1600	.1596	.1635
335.		.1704	.1682	.1612	.1674	.1641	.1641	.1617	.1589	.1573	.1564	.1531	.1519	.1538

TABLE IV. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.65 DEG								
0.	.1836	.1881	.1861	.1877	.1872	.1896	.1903	.1893	.1885	.1899	.1908	.1883	.1866	0.
25.	.1787	.1787	.1767	.1787	.1787	.1844	.1857	.1831		.1872	.1839	.1832	.1779	25.
40.	.1770	.1772	.1758	.1766	.1781	.1811	.1822	.1822	.1808	.1797	.1764	.1774	.1748	40.
55.	.1708	.1778	.1728	.1803		.1826	.1825	.1784	.1754	.1752	.1758	.1752	.1686	55.
70.	.1769	.1755	.1831	.1816	.1860	.1784	.1784	.1786	.1779	.1775	.1776	.1816	.1838	70.
80.		.1862	.1841	.1925	.1850	.1824	.1854	.1846	.1838	.1858	.1839	.1935	.1826	80.
90.	.1875	.1918	.1916	.1938	.1866	.1896	.1888	.1875	.1864	.1878	.1905	.1895	.1845	90.
100.		.1772	.1742	.1742	.1769	.1768	.1730	.1713	.1691	.1721	.1696	.1715	.1663	100.
110.	.1628	.1661	.1678	.1635	.1616	.1612	.1662	.1612	.1587	.1612	.1602	.1639	.1570	110.
125.	.1565	.1645	.1599	.1605		.1545	.1562	.1589	.1593	.1581	.1568	.1561	.1481	125.
140.	.1596	.1599	.1619	.1591	.1572	.1561	.1549	.1552	.1577	.1581	.1597	.1608	.1545	140.
155.	.1602	.1595	.1592	.1617	.1594	.1600	.1599	.1558		.1571	.1598	.1644	.1608	155.
180.	.1609	.1646	.1612	.1614	.1611	.1628	.1632	.1606	.1586	.1588	.1609	.1613	.1634	180.
205.	.1713	.1721	.1698	.1698	.1674	.1698	.1701	.1655		.1642	.1651	.1731	.1678	205.
220.	.1778	.1801	.1766	.1762	.1749	.1749	.1766	.1752	.1749	.1736	.1756	.1757	.1702	220.
235.	.1886	.1972	.1904	.1958		.1928	.1928	.1899	.1911	.1948	.1963	.1916	.1828	235.
250.	.2361	.2298	.2360	.2367	.2348	.2321	.2330	.2315	.2306	.2392	.2338	.2365	.2320	250.
260.		.2973	.2960	.2956	.2985	.2969	.2953	.2955	.2919	.3019	.2959	.2964	.2895	260.
270.	.3739	.3721	.3712	.3763	.3715	.3635	.3698	.3650	.3662	.3681	.3707	.3711	.3637	270.
280.		.3212	.3210	.3251	.3302	.3195	.3208	.3230	.3227	.3243	.3205	.3249	.3205	280.
290.	.2682	.2627	.2689	.2704	.2704	.2694	.2658	.2666	.2703	.2682	.2671	.2734	.2682	290.
305.	.2215	.2281	.2214	.2264		.2290	.2318	.2271	.2251	.2271	.2257	.2220	.2151	305.
320.	.2079	.2086	.2051	.2075	.2080	.2100	.2126	.2116	.2080	.2061	.2036	.2044	.2007	320.
335.	.1967	.2004	.1988	.1992	.1992	.2024	.2043	.1990		.1956	.1952	.1985	.1931	335.
						FOR ALPHA = .35 DEG								
0.	.1683	.1729	.1705	.1723	.1720	.1730	.1735	.1735	.1724	.1738	.1740	.1720	.1706	0.
25.	.1640	.1645	.1635	.1642	.1662	.1690	.1713	.1693		.1718	.1679	.1665	.1638	25.
40.	.1635	.1625	.1614	.1642	.1645	.1673	.1673	.1677	.1670	.1647	.1622	.1630	.1618	40.
55.	.1589	.1649	.1609	.1688		.1697	.1682	.1630	.1620	.1626	.1629	.1612	.1541	55.
70.	.1638	.1641	.1717	.1698	.1739	.1654	.1673	.1646	.1656	.1662	.1653	.1707	.1703	70.
80.		.1774	.1748	.1817	.1756	.1742	.1759	.1746	.1737	.1756	.1737	.1838	.1734	80.
90.	.1885	.1927	.1930	.1955	.1886	.1910	.1900	.1877	.1875	.1889	.1905	.1906	.1863	90.
100.		.1857	.1875	.1866	.1883	.1880	.1858	.1830	.1801	.1833	.1806	.1813	.1767	100.
110.	.1743	.1759	.1832	.1781	.1752	.1745	.1785	.1752	.1730	.1722	.1728	.1767	.1708	110.
125.	.1693	.1752	.1756	.1757		.1689	.1703	.1716	.1731	.1719	.1704	.1694	.1616	125.
140.	.1737	.1733	.1738	.1747	.1704	.1716	.1704	.1690	.1712	.1715	.1733	.1742	.1698	140.
155.	.1737	.1742	.1733	.1752	.1743	.1760	.1767	.1713		.1714	.1749	.1780	.1757	155.
180.	.1769	.1819	.1771	.1766	.1754	.1783	.1797	.1755	.1735	.1744	.1767	.1765	.1771	180.
205.	.1885	.1896	.1878	.1870	.1842	.1864	.1863	.1805		.1815	.1819	.1864	.1850	205.
220.	.1965	.1983	.1952	.1935	.1934	.1927	.1947	.1929	.1908	.1909	.1915	.1959	.1896	220.
235.	.2092	.2173	.2099	.2147		.2139	.2131	.2110	.2098	.2104	.2174	.2122	.2032	235.
250.	.2578	.2516	.2574	.2590	.2554	.2556	.2572	.2538	.2528	.2574	.2590	.2600	.2541	250.
260.		.3169	.3147	.3157	.3181	.3157	.3165	.3151	.3117	.3203	.3186	.3170	.3077	260.
270.	.3736	.3741	.3725	.3763	.3724	.3649	.3704	.3650	.3667	.3676	.3722	.3715	.3649	270.
280.		.3040	.2998	.3071	.3127	.3029	.3020	.3058	.3036	.3062	.3041	.3086	.3033	280.
290.	.2447	.2421	.2475	.2481	.2485	.2492	.2435	.2448	.2476	.2479	.2459	.2520	.2469	290.
305.	.2017	.2088	.2021	.2056		.2110	.2096	.2056	.2056	.2079	.2042	.2021	.1958	305.
320.	.1894	.1905	.1869	.1894	.1896	.1926	.1928	.1925	.1896	.1869	.1839	.1862	.1809	320.
335.	.1814	.1833	.1821	.1824	.1831	.1856	.1861	.1809		.1786	.1761	.1799	.1754	335.
						FOR ALPHA = 1.35 DEG								
0.	.1542	.1583	.1565	.1590	.1574	.1572	.1592	.1592	.1576	.1568	.1582	.1566	.1551	0.
25.	.1506	.1513	.1496	.1514	.1520	.1544	.1571	.1552		.1552	.1527	.1542	.1494	25.
40.	.1508	.1504	.1489	.1525	.1521	.1531	.1541	.1545	.1541	.1504	.1474	.1510	.1480	40.
55.	.1463	.1521	.1487	.1559		.1556	.1546	.1507	.1491	.1503	.1490	.1490	.1413	55.
70.	.1524	.1521	.1596	.1588	.1621	.1536	.1535	.1522	.1524	.1542	.1537	.1576	.1585	70.
80.		.1654	.1635	.1723	.1647	.1631	.1637	.1642	.1627	.1648	.1644	.1731	.1613	80.
90.	.1854	.1898	.1894	.1930	.1861	.1880	.1871	.1847	.1854	.1850	.1879	.1880	.1824	90.
100.		.1909	.1958	.1937	.1953	.1944	.1925	.1888	.1872	.1896	.1867	.1868	.1830	100.
110.	.1843	.1826	.1937	.1883	.1854	.1845	.1881	.1843	.1821	.1813	.1811	.1857	.1813	110.
125.	.1787	.1845	.1833	.1879		.1803	.1812	.1827	.1838	.1824	.1796	.1789	.1722	125.
140.	.1838	.1842	.1831	.1877	.1835	.1822	.1825	.1804	.1819	.1827	.1838	.1850	.1804	140.
155.	.1862	.1860	.1855	.1861	.1873	.1873	.1894	.1835		.1827	.1867	.1900	.1871	155.
180.	.1922	.1968	.1918	.1910	.1888	.1927	.1948	.1910	.1887	.1886	.1914	.1900	.1910	180.
205.	.2059	.2083	.2064	.2045	.2023	.2044	.2050	.1977		.1997	.1998	.2034	.2036	205.
220.	.2156	.2161	.2154	.2134	.2142	.2129	.2147	.2110	.2095	.2092	.2087	.2163	.2092	220.
235.	.2306	.2387	.2309	.2346		.2353	.2345	.2338	.2310	.2299	.2336	.2335	.2233	235.
250.	.2820	.2757	.2817	.2805	.2782	.2770	.2783	.2781	.2746	.2796	.2820	.2824	.2740	250.
260.		.3348	.3347	.3358	.3374	.3345	.3328	.3345	.3301	.3369	.3378	.3365	.3260	260.
270.	.3722	.3706	.3720	.3770	.3719	.3643	.3685	.3656	.3656	.3670	.3716	.3717	.3641	270.
280.		.2848	.2820	.2861	.2934	.2830	.2813	.2849	.2830	.2872	.2826	.2911	.2826	280.
290.	.2233	.2208	.2278	.2258	.2272	.2264	.2231	.2217	.2254	.2257	.2241	.2290	.2241	290.
305.	.1816	.1885	.1834	.1860		.1914	.1894	.1853	.1857	.1870	.1834	.1815	.1762	305.
320.	.1728	.1715	.1706	.1730	.1729	.1737	.1754	.1734	.1713	.1678	.1664	.1671	.1627	320.
335.	.1653	.1665	.1655	.1666	.1664	.1676	.1693	.1647		.1615	.1597	.1623	.1583	335.

TABLE IV. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 2.35 DEG							
0.	.1500	.1516	.1343	.1459	.1455	.1415	.1409	.1410	.1428		.1367	.1362	.1310	.1355
25.		.1600	.1238	.1483	.1436	.1391	.1397	.1384	.1391	.1361	.1329	.1313	.1315	.1323
40.				.1533	.1432		.1399	.1395	.1401	.1347	.1305	.1312	.1309	.1329
55.	.1405	.1628	.1194	.1511	.1377	.1412	.1383	.1410	.1391	.1343	.1323	.1319	.1313	.1348
70.			.1386	.1489	.1477	.1455	.1442	.1459	.1391	.1368	.1373	.1334	.1350	.1407
80.				.1583	.1599	.1593	.1609	.1586	.1499	.1503	.1481	.1488	.1475	.1483
90.		.1963	.1833	.1901	.1868	.1892	.1888	.1896	.1852	.1870	.1876	.1842	.1842	.1829
100.				.2063	.2053	.2025	.2049	.2039	.2030	.2014	.2021	.1984	.2004	.2000
110.			.2058	.2071	.2055	.2039	.2006	.2010	.2027	.1993	.2030	.1951	.1979	.1983
125.	.1973	.2207	.1880	.2096	.1982	.2038	.1990	.1997	.2013	.2001	.2006	.1975	.1963	.1966
140.				.2129	.2070		.2034	.2023	.2036	.1988	.2003	.1978	.1997	.1966
155.		.2195	.2074	.2129	.2103	.2064	.2065	.2053	.2054	.2015	.2015	.1992	.2023	.1996
180.	.2208	.2168	.2090	.2174	.2160	.2126	.2122	.2125	.2145		.2071	.2063	.2055	.2077
205.		.2254	.2243	.2213	.2268	.2228	.2238	.2241	.2225	.2206	.2186	.2171	.2149	.2155
220.				.2324	.2424		.2320	.2338	.2356	.2309	.2275	.2296	.2274	.2279
235.	.2407	.2521	.2492	.2529	.2444	.2553	.2504	.2551	.2531	.2526	.2502	.2498	.2539	.2519
250.			.2938	.2940	.2945	.2980	.2941	.2940	.2968	.2940	.2928	.2933	.3009	.3007
260.				.3521	.3512	.3528	.3548	.3526	.3503	.3483	.3439	.3572	.3525	.3539
270.		.3744	.3544	.3677	.3618	.3628	.3625	.3658	.3664	.3655	.3655	.3703	.3712	.3691
280.				.2706	.2709	.2712	.2659	.2643	.2655	.2623	.2620	.2677	.2654	.2606
290.			.1954	.1949	.1935	.1975	.1906	.1913	.1947	.1959	.1934	.1921	.1976	.1981
305.	.1540	.1677	.1648	.1616	.1562	.1642	.1586	.1587	.1581	.1600	.1586	.1579	.1580	.1602
320.				.1512	.1527		.1498	.1499	.1491	.1453	.1457	.1419	.1435	.1461
335.		.1535	.1490	.1456	.1506	.1470	.1476	.1453	.1441	.1396	.1394	.1356	.1363	.1392
							FOR ALPHA = 3.35 DEG							
0.	.1359	.1398	.1149	.1322	.1305	.1275	.1267	.1264	.1276		.1237	.1213	.1175	.1228
25.		.1478	.1084	.1366	.1300	.1264	.1271	.1245	.1244	.1226	.1200	.1173	.1183	.1172
40.				.1369	.1304		.1266	.1251	.1260	.1210	.1172	.1180	.1181	.1179
55.	.1279	.1488	.1056	.1363	.1254	.1284	.1265	.1258	.1240	.1206	.1176	.1183	.1184	.1179
70.			.1259	.1329	.1333	.1325	.1304	.1297	.1232	.1221	.1202	.1171	.1212	.1213
80.				.1441	.1449	.1448	.1465	.1417	.1361	.1337	.1312	.1320	.1306	.1316
90.		.1900	.1758	.1821	.1775	.1810	.1808	.1811	.1775	.1783	.1772	.1740	.1734	.1731
100.				.2076	.2058	.2028	.2072	.2064	.2038	.2026	.2023	.1998	.2004	.1994
110.			.2164	.2152	.2129	.2120	.2086	.2083	.2098	.2070	.2088	.2012	.2042	.2019
125.	.2071	.2316	.2109	.2194	.2076	.2143	.2101	.2099	.2117	.2097	.2075	.2082	.2046	.2023
140.				.2242	.2179		.2156	.2143	.2154	.2123	.2105	.2075	.2091	.2075
155.		.2327	.2222	.2252	.2215	.2198	.2198	.2178	.2169	.2146	.2140	.2113	.2119	.2123
180.	.2374	.2334	.2291	.2339	.2319	.2284	.2287	.2295	.2308		.2272	.2234	.2198	.2265
205.		.2457	.2423	.2416	.2467	.2436	.2449	.2443	.2427	.2412	.2395	.2345	.2350	.2368
220.				.2542	.2636		.2550	.2554	.2570	.2532	.2492	.2484	.2491	.2496
235.	.2613	.2736	.2671	.2734	.2682	.2792	.2748	.2756	.2747	.2754	.2717	.2718	.2765	.2729
250.			.3101	.3169	.3177	.3219	.3181	.3137	.3185	.3162	.3140	.3161	.3223	.3216
260.				.3659	.3659	.3688	.3710	.3672	.3660	.3630	.3598	.3704	.3688	.3691
270.		.3714	.3517	.3630	.3590	.3588	.3573	.3596	.3618	.3607	.3628	.3642	.3659	.3631
280.				.2503	.2503	.2487	.2424	.2428	.2436	.2383	.2378	.2430	.2416	.2367
290.			.1710	.1682	.1704	.1735	.1668	.1680	.1713	.1690	.1682	.1654	.1730	.1747
305.	.1353	.1483	.1439	.1409	.1360	.1449	.1398	.1384	.1377	.1400	.1343	.1375	.1404	.1405
320.				.1325	.1360		.1320	.1314	.1322	.1286	.1246	.1255	.1284	.1300
335.		.1396	.1333	.1294	.1340	.1306	.1313	.1295	.1279	.1241	.1245	.1207	.1223	.1253
							FOR ALPHA = 5.35 DEG							
0.	.1094	.1132	.0840	.1071	.1046	.1011	.0992	.0981	.1004		.0962	.0954	.0933	.0998
25.		.1212	.0843	.1125	.1067	.1014	.0995	.0986	.1005	.0975	.0963	.0953	.0957	.0959
40.				.1140	.1079		.1003	.1004	.1010	.0963	.0946	.0964	.0962	.0960
55.	.1027	.1209	.0817	.1100	.1012	.1021	.0986	.0997	.0973	.0959	.0928	.0961	.0956	.0966
70.			.0945	.1035	.1030	.1015	.0978	.0947	.0935	.0910	.0906	.0876	.0924	.0946
80.				.1122	.1127	.1121	.1098	.1028	.1009	.0992	.0953	.0951	.0959	.0985
90.		.1749	.1644	.1675	.1629	.1648	.1625	.1620	.1583	.1603	.1595	.1539	.1566	.1558
100.				.2179	.2167	.2102	.2171	.2161	.2105	.2123	.2101	.2094	.2092	.2095
110.			.2456	.2382	.2373	.2354	.2317	.2338	.2337	.2283	.2205	.2255	.2261	.2260
125.	.2367	.2596	.2536	.2520	.2406	.2455	.2421	.2419	.2434	.2410	.2295	.2382	.2343	.2341
140.				.2595	.2539		.2512	.2492	.2508	.2473	.2356	.2422	.2410	.2415
155.		.2665	.2589	.2609	.2599	.2566	.2572	.2560	.2552	.2520	.2446	.2467	.2451	.2489
180.	.2773	.2716	.2709	.2719	.2719	.2685	.2682	.2688	.2705		.2649	.2616	.2563	.2664
205.		.2860	.2827	.2828	.2898	.2862	.2867	.2847	.2821	.2824	.2808	.2746	.2776	.2789
220.				.2950	.3093		.2993	.2966	.2986	.2947	.2954	.2899	.2939	.2923
235.	.3052	.3167	.3100	.3165	.3136	.3246	.3203	.3195	.3178	.3175	.3147	.3202	.3197	.3187
250.			.3612	.3570	.3613	.3649	.3602	.3557	.3588	.3558	.3592	.3574	.3651	.3646
260.				.3912	.3935	.3959	.3976	.3953	.3917	.3896	.3942	.3954	.3965	.3981
270.		.3616	.3445	.3532	.3488	.3467	.3434	.3465	.3462	.3440	.3540	.3501	.3502	.3504
280.				.2051	.2028	.1999	.1935	.1912	.1912	.1854	.1911	.1935	.1905	.1866
290.			.1218	.1176	.1180	.1191	.1172	.1158	.1212	.1133	.1213	.1220	.1237	.1259
305.	.0992	.1099	.1031	.1015	.0972	.1030	.0973	.0958	.0966	.0971	.0967	.1038	.1032	.1011
320.				.1010	.1028		.0968	.0961	.0969	.0959	.0953	.0955	.1002	.0977
335.		.1111	.1013	.1017	.1045	.1007	.1001	.0984	.0975	.0955	.0939	.0923	.0972	.0995

TABLE IV. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.35 DEG								
0.	.1396	.1457	.1430	.1447	.1423	.1431	.1450	.1450	.1425	.1419	.1432	.1423	.1405	0.
25.	.1378	.1387	.1389	.1391	.1390	.1419	.1444	.1424		.1417	.1388	.1410	.1371	25.
40.	.1385	.1383	.1377	.1409	.1392	.1407	.1410	.1429	.1402	.1361	.1360	.1389	.1354	40.
55.	.1347	.1409	.1376	.1444		.1436	.1400	.1379	.1369	.1376	.1378	.1356	.1276	55.
70.	.1395	.1405	.1471	.1468	.1482	.1390	.1406	.1383	.1410	.1417	.1403	.1454	.1452	70.
80.		.1547	.1513	.1591	.1527	.1506	.1509	.1507	.1491	.1526	.1523	.1601	.1489	80.
90.	.1852	.1876	.1885	.1921	.1862	.1861	.1840	.1838	.1838	.1830	.1868	.1858	.1820	90.
100.		.2029	.2063	.2060	.2069	.2068	.2043	.2013	.1983	.2020	.1979	.1983	.1949	100.
110.	.1995	.1984	.2076	.2053	.2025	.2002	.2056	.2000	.1982	.1970	.1967	.2021	.1964	110.
125.	.1965	.2018	.1987	.2075		.1987	.1988	.2010	.2018	.2006	.1973	.1968	.1899	125.
140.	.2038	.2024	.2012	.2058	.2034	.2018	.2014	.2001	.2011	.2017	.2032	.2034	.1988	140.
155.	.2065	.2054	.2052	.2043	.2080	.2067	.2096	.2042		.2019	.2056	.2102	.2061	155.
180.	.2116	.2173	.2114	.2097	.2078	.2107	.2137	.2116	.2074	.2082	.2104	.2091	.2101	180.
205.	.2240	.2263	.2255	.2247	.2214	.2238	.2231	.2166		.2173	.2184	.2206	.2219	205.
220.	.2349	.2358	.2347	.2352	.2334	.2335	.2348	.2307	.2295	.2270	.2297	.2353	.2299	220.
235.	.2521	.2615	.2509	.2559		.2558	.2559	.2543	.2522	.2500	.2550	.2545	.2433	235.
250.	.3019	.2972	.3032	.3008	.3002	.2980	.3023	.2985	.2968	.2969	.3039	.3038	.2965	250.
260.		.3513	.3511	.3523	.3549	.3510	.3527	.3500	.3469	.3516	.3549	.3520	.3436	260.
270.	.3689	.3694	.3690	.3737	.3684	.3621	.3667	.3632	.3626	.3643	.3685	.3674	.3607	270.
280.		.2639	.2615	.2643	.2712	.2603	.2620	.2654	.2610	.2649	.2646	.2702	.2603	280.
290.	.2017	.1987	.2027	.2052	.2049	.2016	.2002	.1986	.2028	.2043	.2031	.2069	.2014	290.
305.	.1623	.1697	.1637	.1671		.1704	.1700	.1650	.1653	.1654	.1644	.1630	.1553	305.
320.	.1553	.1549	.1531	.1555	.1559	.1561	.1567	.1577	.1520	.1497	.1488	.1485	.1449	320.
335.	.1503	.1516	.1500	.1518	.1502	.1519	.1533	.1486		.1448	.1440	.1453	.1424	335.
						FOR ALPHA = 3.35 DEG								
0.	.1273	.1331	.1301	.1304	.1278	.1291	.1316	.1299	.1272	.1278	.1290	.1284	.1269	0.
25.	.1257	.1269	.1270	.1259	.1261	.1302	.1320	.1284		.1275	.1258	.1283	.1249	25.
40.	.1257	.1269	.1274	.1278	.1269	.1288	.1293	.1299	.1257	.1246	.1236	.1263	.1220	40.
55.	.1228	.1293	.1264	.1319		.1305	.1258	.1255	.1250	.1252	.1255	.1223	.1155	55.
70.	.1272	.1293	.1330	.1344	.1323	.1251	.1258	.1239	.1275	.1291	.1270	.1328	.1301	70.
80.		.1391	.1370	.1423	.1381	.1362	.1350	.1354	.1349	.1375	.1400	.1437	.1330	80.
90.	.1758	.1792	.1794	.1839	.1787	.1766	.1753	.1751	.1746	.1741	.1788	.1764	.1736	90.
100.		.2053	.2079	.2095	.2093	.2106	.2054	.2016	.2012	.2037	.1999	.2004	.1959	100.
110.	.2073	.2070	.2136	.2130	.2111	.2087	.2130	.2074	.2053	.2049	.2042	.2096	.2031	110.
125.	.2052	.2121	.2081	.2177		.2091	.2102	.2106	.2137	.2105	.2063	.2068	.2004	125.
140.	.2155	.2141	.2135	.2149	.2173	.2143	.2139	.2112	.2129	.2132	.2141	.2147	.2091	140.
155.	.2198	.2187	.2178	.2158	.2188	.2210	.2222	.2170		.2144	.2184	.2219	.2197	155.
180.	.2291	.2331	.2274	.2265	.2236	.2268	.2304	.2271	.2238	.2245	.2264	.2246	.2269	180.
205.	.2431	.2464	.2455	.2441	.2407	.2422	.2433	.2362		.2383	.2384	.2414	.2421	205.
220.	.2554	.2566	.2554	.2559	.2543	.2550	.2548	.2516	.2505	.2490	.2487	.2555	.2512	220.
235.	.2742	.2818	.2734	.2776		.2796	.2786	.2774	.2743	.2716	.2743	.2763	.2658	235.
250.	.3232	.3195	.3257	.3225	.3222	.3218	.3228	.3200	.3189	.3190	.3250	.3250	.3159	250.
260.		.3693	.3688	.3700	.3715	.3667	.3678	.3650	.3635	.3683	.3701	.3681	.3585	260.
270.	.3638	.3651	.3641	.3686	.3633	.3565	.3619	.3584	.3582	.3601	.3641	.3623	.3558	270.
280.		.2399	.2366	.2436	.2473	.2375	.2384	.2423	.2381	.2417	.2395	.2465	.2372	280.
290.	.1776	.1742	.1806	.1824	.1831	.1785	.1765	.1753	.1791	.1796	.1804	.1833	.1777	290.
305.	.1431	.1493	.1443	.1489		.1501	.1478	.1471	.1457	.1452	.1453	.1435	.1359	305.
320.	.1379	.1367	.1365	.1388	.1371	.1381	.1403	.1391	.1349	.1341	.1314	.1309	.1276	320.
335.	.1349	.1356	.1360	.1358	.1339	.1353	.1369	.1330		.1285	.1272	.1307	.1270	335.
						FOR ALPHA = 5.35 DEG								
0.	.1045	.1074	.1038	.1044	.1028	.1040	.1044	.1024	.1012	.1011	.1031	.1029	.1008	0.
25.	.1043	.1050	.1028	.1037	.1050	.1064	.1063	.1048		.1022	.1024	.1054	.1015	25.
40.	.1055	.1052	.1035	.1047	.1041	.1055	.1065	.1030	.1008	.1014	.1013	.1023	.0986	40.
55.	.1013	.1062	.1029	.1056		.1031	.1008	.1008	.1002	.1017	.0995	.0978	.0933	55.
70.	.1013	.1011	.1028	.1070	.0972	.0946	.0961	.0974	.0999	.0985	.0978	.1070	.0983	70.
80.		.1032	.1074	.1025	.1019	.0990	.0988	.1020	.1009	.1045	.1088	.1042	.1035	80.
90.	.1582	.1599	.1633	.1662	.1637	.1539	.1562	.1570	.1553	.1564	.1605	.1554	.1560	90.
100.		.2149	.2156	.2214	.2194	.2198	.2129	.2115	.2094	.2117	.2096	.2096	.2044	100.
110.	.2296	.2316	.2370	.2371	.2383	.2318	.2364	.2291	.2295	.2287	.2278	.2315	.2251	110.
125.	.2366	.2445	.2405	.2496		.2406	.2429	.2437	.2442	.2396	.2379	.2381	.2314	125.
140.	.2498	.2491	.2494	.2493	.2514	.2499	.2497	.2471	.2476	.2491	.2488	.2479	.2444	140.
155.	.2565	.2552	.2536	.2536	.2560	.2596	.2602	.2537		.2525	.2561	.2599	.2539	155.
180.	.2681	.2715	.2650	.2646	.2630	.2661	.2695	.2667	.2628	.2626	.2653	.2643	.2670	180.
205.	.2840	.2889	.2867	.2847	.2796	.2819	.2828	.2783		.2774	.2779	.2824	.2826	205.
220.	.2988	.2992	.2985	.3003	.2978	.2953	.2952	.2929	.2931	.2916	.2914	.3002	.2911	220.
235.	.3168	.3251	.3163	.3235		.3227	.3212	.3190	.3163	.3142	.3198	.3181	.3069	235.
250.	.3640	.3601	.3666	.3635	.3646	.3631	.3633	.3592	.3592	.3596	.3653	.3641	.3558	250.
260.		.3971	.3947	.3976	.4000	.3933	.3967	.3916	.3915	.3981	.3961	.3941	.3832	260.
270.	.3495	.3502	.3496	.3555	.3480	.3414	.3456	.3440	.3443	.3464	.3503	.3462	.3404	270.
280.		.1888	.1870	.1918	.1883	.1877	.1880	.1926	.1889	.1931	.1903	.1918	.1894	280.
290.	.1304	.1277	.1327	.1357	.1302	.1267	.1272	.1265	.1303	.1306	.1300	.1343	.1267	290.
305.	.1048	.1119	.1074	.1082		.1114	.1072	.1048	.1044	.1072	.1057	.1048	.0964	305.
320.	.1053	.1066	.1035	.1048	.1045	.1063	.1061	.1036	.1004	.0986	.0965	.0967	.0936	320.
335.	.1074	.1082	.1057	.1054	.1052	.1058	.1070	.1014		.0974	.0969	.0997	.0965	335.

TABLE IV. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 10.35 DEG							
0.	.0443	.0465	.0312	.0516	.0491	.0462	.0473	.0470	.0483		.0442	.0424	.0428	.0463
25.		.0568	.0505	.0554	.0527	.0509	.0519	.0510	.0514	.0495	.0448	.0446	.0481	.0475
40.				.0580	.0525		.0488	.0495	.0498	.0474	.0415	.0417	.0472	.0453
55.	.0401	.0557	.0208	.0452	.0403	.0403	.0394	.0400	.0411	.0413	.0378	.0393	.0400	.0401
70.			.0063	.0084	.0122	.0113	.0091	.0088	.0119	.0110	.0102	.0086	.0123	.0112
80.				-.0066	-.0066	-.0133	-.0175	-.0198	-.0186	-.0188	-.0207	-.0193	-.0217	-.0258
90.		.1079	.1067	.0922	.0882	.0876	.0768	.0775	.0797	.0823	.0792	.0748	.0773	.0703
100.				.2204	.2219	.2056	.2162	.2152	.2079	.2094	.2113	.2094	.2119	.2143
110.			.2460	.2968	.2938	.2905	.2828	.2864	.2820	.2787	.2812	.2819	.2829	.2853
125.	.3160	.3358	.3316	.3391	.3249	.3317	.3269	.3213	.3242	.3207	.3196	.3227	.3238	.3223
140.				.3561	.3507		.3504	.3416	.3406	.3401	.3345	.3403	.3422	.3398
155.		.3638	.3642	.3632	.3639	.3626	.3620	.3544	.3509	.3464	.3528	.3532	.3527	.3530
180.	.3883	.3811	.3792	.3843	.3814	.3788	.3772	.3764	.3784		.3801	.3785	.3729	.3816
205.		.4054	.4033	.4027	.4024	.3989	.3988	.3971	.3970	.3980	.4009	.4011	.4032	.4019
220.				.4207	.4289		.4117	.4120	.4138	.4132	.4156	.4173	.4176	.4206
235.	.4108	.4341	.4337	.4394	.4296	.4357	.4297	.4324	.4361	.4372	.4387	.4462	.4393	.4378
250.			.4629	.4633	.4635	.4593	.4533	.4506	.4610	.4605	.4689	.4591	.4632	.4618
260.				.4461	.4474	.4361	.4401	.4416	.4442	.4479	.4526	.4482	.4524	.4520
270.		.3182	.3058	.3012	.2956	.2946	.2849	.2945	.2967	.2989	.3007	.2928	.2950	.2922
280.				.0689	.0644	.0560	.0453	.0507	.0482	.0435	.0396	.0376	.0339	.0304
290.			-.0250	-.0297	-.0306	-.0298	-.0336	-.0265	-.0182	-.0175	-.0133	-.0166	-.0173	-.0142
305.	.0075	.0265	.0014	-.0040	-.0053	.0030	.0033	.0055	.0122	.0126	.0083	.0110	.0074	.0071
320.				.0234	.0282		.0252	.0263	.0315	.0306	.0241	.0263	.0262	.0243
335.		.0434	.0072	.0381	.0399	.0392	.0387	.0382	.0409	.0406	.0348	.0366	.0371	.0368
							FOR ALPHA = 15.35 DEG							
0.	-.0057	.0190	.0132	.0059	.0037	-.0007	-.0042	-.0055	-.0012		-.0006	.0005	-.0017	.0017
25.		.0246	.0008	.0131	.0083	.0082	.0086	.0093	.0115	.0112	.0123	.0095	.0120	.0111
40.				.0138	.0057		-.0040	-.0050	-.0025	-.0006	-.0013	.0042	.0020	-.0004
55.	-.0244	-.0379	-.0665	-.0258	-.0200	-.0114	-.0185	-.0304	-.0330	-.0320	-.0298	-.0279	-.0366	-.0336
70.			-.0679	-.0921	-.0999	-.1051	-.1068	-.1028	-.1004	-.0938	-.0866	-.0899	-.0869	-.0867
80.				-.1321	-.1299	-.1447	-.1568	-.1670	-.1750	-.1839	-.1908	-.2009	-.2039	-.2108
90.		.0219	.0122	.0030	-.0082	-.0066	-.0185	-.0201	-.0156	-.0127	-.0145	-.0206	-.0219	-.0304
100.				.2166	.2129	.1863	.2045	.2052	.2028	.2043	.2031	.2098	.2206	.2092
110.			.3436	.3522	.3521	.3406	.3342	.3394	.3408	.3450	.3485	.3452	.3560	.3623
125.	.4180	.4340	.4171	.4336	.4228	.4228	.4175	.4151	.4241	.4288	.4295	.4284	.4278	.4355
140.				.4654	.4639		.4555	.4524	.4593	.4609	.4644	.4624	.4606	.4623
155.		.4890	.4786	.4812	.4836	.4774	.4735	.4732	.4793	.4803	.4850	.4804	.4814	.4844
180.	.5213	.5152	.5003	.5080	.5071	.5046	.5052	.5079	.5121		.5106	.5086	.5041	.5110
205.		.5436	.5279	.5352	.5323	.5335	.5373	.5365	.5339	.5289	.5303	.5302	.5318	.5261
220.				.5514	.5541		.5525	.5506	.5512	.5438	.5452	.5458	.5480	.5412
235.	.5291	.5650	.5567	.5661	.5510	.5613	.5638	.5673	.5648	.5615	.5628	.5642	.5622	.5553
250.			.5629	.5637	.5601	.5575	.5611	.5594	.5635	.5586	.5635	.5598	.5593	.5572
260.				.4884	.4837	.4700	.4912	.4886	.4862	.4875	.4913	.4885	.4851	.4878
270.		.2621	.2575	.2485	.2420	.2458	.2361	.2378	.2426	.2429	.2454	.2317	.2246	.2222
280.				-.0527	-.0559	-.0664	-.0783	-.0825	-.0915	-.0990	-.1010	-.1055	-.1113	-.1176
290.			-.1642	-.1763	-.1728	-.1786	-.1895	-.1974	-.2054	-.2086	-.2128	-.2181	-.2212	-.2232
305.	-.0614	-.0571	-.0946	-.1136	-.1278	-.1319	-.1222	-.1179	-.1071	-.0959	-.0875	-.0851	-.0852	-.0871
320.				-.0350	-.0306		-.0344	-.0312	-.0295	-.0326	-.0360	-.0355	-.0365	-.0393
335.		-.0354	-.0670	-.0183	-.0093	-.0109	-.0095	-.0096	-.0110	-.0141	-.0172	-.0180	-.0157	-.0189
							FOR ALPHA = 20.35 DEG							
0.	-.0315	-.0201	-.0232	-.0288	-.0341	-.0382	-.0374	-.0360	-.0311		-.0318	-.0313	-.0318	-.0292
25.		-.0157	-.0511	-.0285	-.0240	-.0236	-.0153	-.0208	-.0235	-.0246	-.0255	-.0328	-.0295	-.0272
40.				-.0424	-.0503		-.0455	-.0351	-.0313	-.0279	-.0299	-.0360	-.0295	-.0241
55.	-.1377	-.1837	-.1733	-.1178	-.1096	-.1351	-.1921	-.2293	-.2443	-.2506	-.2504	-.2505	-.2523	-.2525
70.			-.1605	-.2066	-.1999	-.1910	-.1973	-.1972	-.1993	-.2027	-.2043	-.2068	-.2070	-.2002
80.				-.2077	-.1985	-.1920	-.1980	-.1998	-.2003	-.2033	-.2054	-.2087	-.2095	-.2085
90.		-.0504	-.0703	-.0788	-.0810	-.0755	-.0875	-.0869	-.0888	-.0891	-.0912	-.0953	-.0961	-.0966
100.				.2134	.2089	.1755	.2020	.2140	.2117	.2084	.2089	.2071	.2142	.2155
110.			.4129	.4211	.4092	.4028	.4008	.4136	.4252	.4180	.4178	.4194	.4244	.4210
125.	.5290	.5485	.5359	.5496	.5268	.5302	.5320	.5337	.5485	.5474	.5409	.5429	.5458	.5473
140.				.5954	.5853		.5882	.5836	.5929	.5998	.5960	.5907	.5933	.5926
155.		.6357	.6188	.6187	.6141	.6141	.6168	.6172	.6204	.6247	.6282	.6174	.6229	.6219
140.	.6653	.6648	.6478	.6547	.6512	.6515	.6527	.6542	.6548		.6619	.6521	.6490	.6577
205.		.6956	.6795	.6818	.6813	.6817	.6845	.6796	.6737	.6779	.6794	.6747	.6767	.6753
220.				.6961	.6982		.6959	.6891	.6877	.6912	.6914	.6875	.6869	.6869
235.	.6554	.7061	.6892	.6992	.6839	.6994	.6966	.6943	.6911	.6959	.6957	.6959	.6926	.6916
250.			.6732	.6947	.6572	.6591	.6568	.6507	.6542	.6566	.6578	.6527	.6551	.6557
260.				.5166	.5173	.4971	.5192	.5139	.5131	.5180	.5190	.5157	.5239	.5172
270.		.2112	.2079	.1910	.1911	.1936	.1763	.1758	.1867	.1908	.1916	.1817	.1798	.1730
280.				-.1545	-.1594	-.1684	-.1717	-.1732	-.1810	-.1909	-.1932	-.1944	-.1988	-.2034
290.			-.2546	-.2462	-.2431	-.2440	-.2425	-.2411	-.2405	-.2416	-.2408	-.2419	-.2410	-.2420
305.	-.1419	-.1632	-.1949	-.2377	-.2370	-.2360	-.2386	-.2365	-.2367	-.2416	-.2391	-.2363	-.2326	-.2277
320.				-.1142	-.2062		-.2468	-.2372	-.2363	-.2325	-.2299	-.2300	-.2260	-.2302
335.		-.1927	-.1996	-.1089	-.0638	-.0438	-.0315	-.0297	-.0311	-.0381	-.0433	-.0493	-.0575	-.0635

TABLE IV. - CONTINUED

(D) MACH = 1.70, BETA = 5.03 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.35 DEG								
0.	.0482	.0503	.0483	.0483	.0469	.0485	.0494	.0485	.0468	.0460	.0471	.0452	.0444	0.
25.	.0539	.0549	.0536	.0547	.0555	.0552	.0545	.0517		.0519	.0520	.0543	.0505	25.
40.	.0523	.0519	.0515	.0526	.0493	.0493	.0500	.0490	.0486	.0498	.0501	.0533	.0510	40.
55.	.0424	.0481	.0407	.0414		.0413	.0412	.0420	.0420	.0451	.0477	.0444	.0367	55.
70.	.0201	.0117	.0134	.0134	.0132	.0110	.0110	.0125	.0189	.0170	.0156	.0186	.0126	70.
80.		-.0283	-.0287	-.0283	-.0232	-.0214	-.0222	-.0187	-.0181	-.0240	-.0223	-.0249	-.0240	80.
90.	.0746	.0775	.0773	.0761	.0721	.0659	.0698	.0746	.0702	.0680	.0708	.0648	.0604	90.
100.		.2246	.2314	.2189	.2114	.2127	.2158	.2098	.2081	.2112	.2083	.2147	.2011	100.
110.	.2859	.2874	.2978	.2968	.2904	.2810	.2832	.2828	.2830	.2856	.2809	.2824	.2791	110.
125.	.3239	.3305	.3298	.3334		.3309	.3252	.3243	.3228	.3239	.3247	.3219	.3114	125.
140.	.3488	.3515	.3498	.3504	.3446	.3466	.3461	.3463	.3430	.3417	.3421	.3463	.3392	140.
155.	.3613	.3632	.3613	.3638	.3585	.3581	.3613	.3571		.3566	.3556	.3602	.3553	155.
180.	.3760	.3795	.3759	.3764	.3759	.3772	.3776	.3728	.3706	.3742	.3796	.3786	.3748	180.
205.	.3981	.3991	.3953	.3953	.3953	.3994	.3988	.3920		.3950	.3990	.4005	.3930	205.
220.	.4184	.4154	.4105	.4108	.4101	.4102	.4116	.4072	.4099	.4166	.4094	.4107	.4047	220.
235.	.4334	.4431	.4317	.4397		.4332	.4299	.4324	.4410	.4386	.4302	.4264	.4157	235.
250.	.4619	.4613	.4678	.4582	.4615	.4536	.4553	.4582	.4676	.4591	.4541	.4589	.4552	250.
260.		.4499	.4472	.4473	.4445	.4420	.4427	.4450	.4487	.4463	.4390	.4457	.4404	260.
270.	.2943	.2927	.2878	.2942	.2861	.2800	.2874	.2893	.2845	.2853	.2850	.2853	.2764	270.
280.		.0336	.0263	.0256	.0258	.0280	.0288	.0308	.0330	.0381	.0313	.0306	.0289	280.
290.	-.0038	-.0077	-.0064	-.0071	-.0108	-.0126	-.0111	-.0130	-.0094	-.0114	-.0047	-.0080	-.0103	290.
305.	.0102	.0151	.0130	.0112		.0093	.0090	.0081	.0074	.0099	.0091	.0103	.0001	305.
320.	.0317	.0317	.0296	.0298	.0269	.0251	.0245	.0236	.0238	.0245	.0235	.0245	.0227	320.
335.	.0430	.0429	.0396	.0397	.0379	.0375	.0379	.0336		.0352	.0344	.0382	.0373	335.
						FOR ALPHA = 15.35 DEG								
0.	.0050	.0062	.0018	.0023	-.0004	.0004	.0039	.0042	.0048	.0056	.0077	.0066	.0044	0.
25.	.0155	.0146	.0125	.0123	.0131	.0148	.0169	.0137		.0185	.0171	.0215	.0153	25.
40.	.0048	.0041	.0027	.0049	.0039	.0041	.0069	.0110	.0063	.0063	.0046	.0038	.0010	40.
55.	-.0313	-.0270	-.0282	-.0248		-.0191	-.0190	-.0217	-.0217	-.0235	-.0246	-.0273	-.0315	55.
70.	-.0832	-.0816	-.0759	-.0758	-.0701	-.0767	-.0764	-.0755	-.0783	-.0777	-.0761	-.0761	-.0775	70.
80.		-.2197	-.2214	-.2219	-.2219	-.2267	-.2268	-.2329	-.2347	-.2408	-.2427	-.2436	-.2467	80.
90.	-.0329	-.0285	-.0296	-.0269	-.0255	-.0362	-.0318	-.0282	-.0355	-.0350	-.0338	-.0370	-.0378	90.
100.		.2095	.2091	.2064	.2051	.2010	.2016	.2047	.2023	.1932	.2023	.2032	.1975	100.
110.	.3498	.3439	.3415	.3438	.3474	.3405	.3406	.3410	.3460	.3441	.3310	.3358	.3350	110.
125.	.4411	.4304	.4175	.4239		.4220	.4220	.4241	.4235	.4222	.4204	.4181	.3969	125.
140.	.4746	.4753	.4610	.4565	.4566	.4546	.4535	.4536	.4593	.4585	.4520	.4527	.4494	140.
155.	.4879	.4947	.4865	.4830	.4757	.4746	.4796	.4748		.4794	.4786	.4766	.4676	155.
180.	.5063	.5125	.5114	.5097	.5007	.4986	.5064	.5069	.5012	.5000	.5041	.5030	.4996	180.
205.	.5303	.5310	.5298	.5289	.5246	.5267	.5381	.5316		.5243	.5239	.5314	.5195	205.
220.	.5466	.5443	.5435	.5427	.5410	.5398	.5510	.5455	.5414	.5426	.5429	.5403	.5285	220.
235.	.5545	.5605	.5530	.5612		.5649	.5625	.5598	.5585	.5664	.5558	.5501	.5370	235.
250.	.5563	.5509	.5557	.5553	.5587	.5596	.5571	.5599	.5611	.5533	.5488	.5539	.5426	250.
260.		.4832	.4837	.4829	.4819	.4862	.4932	.4901	.4775	.4804	.4749	.4799	.4681	260.
270.	.2227	.2234	.2248	.2317	.2239	.2194	.2240	.2262	.2155	.2165	.2170	.2171	.2196	270.
280.		-.1255	-.1320	-.1314	-.1353	-.1310	-.1393	-.1383	-.1371	-.1394	-.1405	-.1409	-.1379	280.
290.	-.2235	-.2251	-.2218	-.2197	-.2213	-.2230	-.2254	-.2288	-.2267	-.2289	-.2278	-.2242	-.2236	290.
305.	-.0796	-.0766	-.0805	-.0780		-.0792	-.0768	-.0802	-.0826	-.0799	-.0795	-.0785	-.0803	305.
320.	-.0340	-.0341	-.0347	-.0338	-.0334	-.0313	-.0310	-.0293	-.0315	-.0349	-.0343	-.0319	-.0322	320.
335.	-.0131	-.0126	-.0130	-.0124	-.0128	-.0105	-.0081	-.0097		-.0085	-.0088	-.0059	-.0087	335.
						FOR ALPHA = 20.35 DEG								
0.	-.0236	-.0189	-.0204	-.0198	-.0216	-.0242	-.0226	-.0233	-.0240	-.0208	-.0200	-.0228	-.0234	0.
25.	-.0224	-.0222	-.0193	-.0162	-.0199	-.0182	-.0182	-.0224		-.0224	-.0222	-.0167	-.0202	25.
40.	-.0198	-.0186	-.0169	-.0176	-.0187	-.0215	-.0221	-.0220	-.0213	-.0193	-.0225	-.0231	-.0241	40.
55.	-.2554	-.2545	-.2652	-.2626		-.2628	-.2661	-.2674	-.2665	-.2679	-.2702	-.2714	-.2702	55.
70.	-.2003	-.2026	-.1943	-.1985	-.1988	-.2004	-.2020	-.2036	-.2014	-.2000	-.1943	-.1952	-.1990	70.
80.		-.2126	-.2148	-.2161	-.2148	-.2138	-.2127	-.2127	-.2122	-.2092	-.2076	-.2122	-.2128	80.
90.	-.0994	-.0960	-.0968	-.1011	-.1070	-.1049	-.1045	-.1012	-.1042	-.1063	-.1093	-.1142	-.1116	90.
100.		.2165	.2170	.2202	.2046	.2112	.2153	.2131	.2122	.2120	.2080	.2067	.1997	100.
110.	.4177	.4124	.4129	.4185	.4184	.4052	.4163	.4200	.4142	.4134	.4091	.4106	.4022	110.
125.	.5428	.5375	.5315	.5372		.5411	.5377	.5331	.5363	.5352	.5323	.5298	.5149	125.
140.	.6014	.5910	.5822	.5860	.5856	.5869	.5932	.5894	.5816	.5853	.5823	.5837	.5749	140.
155.	.6292	.6224	.6150	.6151	.6147	.6184	.6227	.6198		.6105	.6119	.6132	.6045	155.
180.	.6566	.6558	.6461	.6486	.6489	.6520	.6506	.6481	.6460	.6485	.6496	.6424	.6394	180.
205.	.6826	.6801	.6720	.6778	.6815	.6785	.6758	.6697		.6710	.6770	.6750	.6596	205.
220.	.6970	.6895	.6854	.6946	.6900	.6853	.6841	.6834	.6845	.6808	.6855	.6847	.6680	220.
235.	.6961	.6916	.6943	.7089		.6878	.6877	.6942	.6882	.6899	.6889	.6818	.6648	235.
250.	.6523	.6539	.6707	.6631	.6565	.6458	.6528	.6540	.6528	.6502	.6489	.6490	.6249	250.
260.		.5256	.5340	.5185	.5143	.5134	.5188	.5145	.5106	.5152	.5141	.4992	.4945	260.
270.	.1745	.1792	.1758	.1811	.1731	.1610	.1682	.1801	.1716	.1735	.1645	.1603	.1611	270.
280.		-.2134	-.2200	-.2193	-.2235	-.2221	-.2259	-.2190	-.2260	-.2294	-.2331	-.2329	-.2337	280.
290.	-.2444	-.2514	-.2532	-.2538	-.2563	-.2590	-.2601	-.2605	-.2651	-.2683	-.2727	-.2776	-.2815	290.
305.	-.2259	-.2215	-.2253	-.2168		-.2186	-.2185	-.2133	-.2063	-.2034	-.2076	-.2070	-.2094	305.
320.	-.2247	-.2231	-.2242	-.2287	-.2260	-.2255	-.2270	-.2262	-.2227	-.2237	-.2233	-.2259	-.2259	320.
335.	-.0594	-.0695	-.0692	-.0767	-.0822	-.0835	-.0796	-.0853		-.0909	-.0943	-.0925	-.0965	335.

TABLE IV. - CONTINUED

(E) MACH = 2.50, BETA = .00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.50 DEG								
0.	.2320	.2232	.2040	.2199	.2232	.2190	.2190	.2176	.2221		.2129	.2124	.2079	.2130
25.		.2257	.2179	.2197	.2218	.2196	.2231	.2195	.2232	.2183	.2137	.2136	.2118	.2125
40.				.2241	.2242		.2222	.2224	.2224	.2227	.2172	.2200	.2186	.2136
55.	.2272	.2342	.2104	.2339	.2286	.2332	.2263	.2290	.2286	.2296	.2278	.2275	.2266	.2252
70.			.2445	.2487	.2469	.2518	.2450	.2486	.2480	.2432	.2450	.2385	.2439	.2491
80.				.2624	.2615	.2593	.2637	.2621	.2594	.2603	.2574	.2587	.2574	.2568
90.		.2454	.2307	.2409	.2367	.2387	.2356	.2399	.2391	.2406	.2386	.2309	.2361	.2335
100.				.1608	.1604	.1577	.1565	.1544	.1581	.1561	.1482	.1519	.1522	.1473
110.			.1017	.1104	.1081	.1083	.1055	.1080	.1124	.1086	.1066	.1076	.1081	.1068
125.	.0939	.0989	.0903	.0956	.0895	.0936	.0930	.0926	.0949	.0932	.0931	.0940	.0950	.0929
140.				.0923	.0896		.0917	.0936	.0945	.0915	.0887	.0903	.0916	.0895
155.		.0971	.0845	.0869	.0902	.0888	.0917	.0931	.0944	.0907	.0906	.0884	.0896	.0872
180.	.0976	.1002	.0846	.0856	.0890	.0910	.0938	.0931	.0914		.0905	.0902	.0882	.0872
						FOR ALPHA = -2.50 DEG								
0.	.1929	.1905	.1705	.1822	.1849	.1822	.1807	.1853	.1844		.1799	.1739	.1755	.1811
25.		.1895	.1776	.1855	.1852	.1834	.1859	.1848	.1858	.1805	.1807	.1744	.1783	.1821
40.				.1930	.1876		.1870	.1843	.1881	.1843	.1817	.1823	.1819	.1858
55.	.1913	.1978	.1776	.2003	.1924	.1959	.1922	.1893	.1947	.1940	.1926	.1917	.1912	.1884
70.			.2118	.2128	.2166	.2166	.2120	.2127	.2137	.2134	.2111	.2093	.2185	.2122
80.				.2357	.2398	.2386	.2425	.2380	.2378	.2345	.2349	.2350	.2350	.2358
90.		.2513	.2401	.2465	.2418	.2453	.2425	.2460	.2429	.2437	.2462	.2415	.2421	.2397
100.				.1902	.1873	.1911	.1892	.1901	.1848	.1843	.1806	.1820	.1842	.1802
110.			.1385	.1400	.1392	.1468	.1416	.1433	.1440	.1406	.1425	.1410	.1410	.1403
125.	.1229	.1274	.1126	.1247	.1192	.1254	.1204	.1220	.1214	.1250	.1219	.1251	.1215	.1196
140.				.1200	.1160		.1171	.1176	.1177	.1191	.1137	.1166	.1154	.1166
155.		.1220	.1097	.1112	.1159	.1160	.1172	.1179	.1186	.1161	.1123	.1123	.1110	.1142
180.	.1231	.1238	.1086	.1081	.1130	.1161	.1162	.1181	.1167		.1115	.1107	.1095	.1137
						FOR ALPHA = -1.50 DEG								
0.	.1774	.1775	.1532	.1617	.1694	.1675	.1659	.1663	.1680		.1689	.1608	.1577	.1630
25.		.1764	.1577	.1657	.1683	.1686	.1681	.1668	.1676	.1627	.1708	.1623	.1634	.1641
40.				.1733	.1719		.1707	.1699	.1692	.1679	.1727	.1660	.1676	.1678
55.	.1768	.1816	.1626	.1805	.1741	.1777	.1777	.1764	.1785	.1787	.1762	.1741	.1743	.1731
70.			.1927	.1974	.1978	.2005	.1988	.1959	.1990	.1979	.1949	.1943	.1965	.1977
80.				.2258	.2308	.2283	.2294	.2253	.2260	.2241	.2232	.2239	.2239	.2273
90.		.2511	.2446	.2486	.2436	.2467	.2431	.2478	.2480	.2487	.2482	.2446	.2436	.2434
100.				.2042	.2028	.2028	.2053	.2028	.2012	.2006	.1984	.2002	.2020	.1994
110.			.1593	.1604	.1599	.1623	.1585	.1611	.1574	.1559	.1586	.1586	.1630	.1606
125.	.1380	.1426	.1258	.1405	.1350	.1406	.1373	.1385	.1392	.1371	.1384	.1380	.1367	.1358
140.				.1358	.1328		.1337	.1343	.1349	.1313	.1274	.1310	.1271	.1312
155.		.1349	.1237	.1283	.1298	.1296	.1322	.1320	.1327	.1290	.1270	.1263	.1249	.1274
180.	.1367	.1373	.1196	.1213	.1288	.1293	.1290	.1319	.1321		.1265	.1261	.1240	.1254
						FOR ALPHA = -.50 DEG								
0.	.1625	.1592	.1409	.1476	.1536	.1535	.1521	.1514	.1499		.1471	.1460	.1469	.1464
25.		.1590	.1415	.1512	.1528	.1517	.1521	.1517	.1533	.1464	.1468	.1472	.1488	.1529
40.				.1574	.1531		.1522	.1534	.1570	.1502	.1492	.1519	.1534	.1561
55.	.1603	.1658	.1511	.1634	.1588	.1593	.1578	.1595	.1621	.1584	.1598	.1616	.1640	.1585
70.			.1723	.1816	.1844	.1812	.1790	.1801	.1828	.1820	.1811	.1786	.1851	.1819
80.				.2172	.2174	.2132	.2151	.2144	.2170	.2137	.2148	.2143	.2151	.2108
90.		.2543	.2371	.2496	.2445	.2473	.2458	.2486	.2484	.2502	.2492	.2436	.2469	.2463
100.				.2161	.2188	.2159	.2195	.2183	.2143	.2163	.2152	.2111	.2147	.2132
110.			.1691	.1755	.1751	.1777	.1763	.1769	.1791	.1762	.1794	.1762	.1760	.1802
125.	.1520	.1582	.1386	.1547	.1503	.1538	.1527	.1538	.1581	.1544	.1547	.1558	.1525	.1541
140.				.1474	.1472		.1472	.1475	.1494	.1463	.1440	.1449	.1456	.1449
155.		.1493	.1370	.1401	.1452	.1441	.1444	.1453	.1474	.1421	.1419	.1400	.1433	.1403
180.	.1514	.1507	.1330	.1340	.1451	.1443	.1411	.1430	.1464		.1417	.1394	.1375	.1408
						FOR ALPHA = .50 DEG								
0.	.1452	.1447	.1291	.1295	.1383	.1369	.1361	.1349	.1352		.1315	.1318	.1309	.1323
25.		.1491	.1300	.1343	.1378	.1365	.1371	.1370	.1374	.1336	.1315	.1321	.1321	.1333
40.				.1392	.1379		.1381	.1392	.1408	.1361	.1354	.1371	.1374	.1343
55.	.1440	.1502	.1341	.1476	.1409	.1441	.1409	.1440	.1452	.1444	.1442	.1479	.1458	.1434
70.			.1609	.1657	.1653	.1651	.1645	.1648	.1662	.1635	.1645	.1632	.1655	.1664
80.				.2026	.2018	.2018	.2035	.2038	.2026	.2025	.1988	.2007	.2002	.1985
90.		.2526	.2389	.2483	.2433	.2462	.2437	.2470	.2485	.2516	.2484	.2442	.2462	.2434
100.				.2300	.2291	.2275	.2320	.2273	.2315	.2305	.2258	.2260	.2291	.2254
110.			.1884	.1937	.1913	.1954	.1927	.1927	.1959	.1921	.1915	.1893	.1940	.1923
125.	.1655	.1733	.1548	.1728	.1674	.1680	.1655	.1700	.1721	.1714	.1709	.1681	.1702	.1712
140.				.1647	.1621		.1610	.1636	.1646	.1642	.1605	.1595	.1603	.1661
155.		.1642	.1478	.1559	.1573	.1577	.1601	.1611	.1627	.1565	.1560	.1550	.1558	.1552
180.	.1641	.1633	.1438	.1509	.1605	.1572	.1561	.1582	.1591		.1555	.1558	.1518	.1576
						FOR ALPHA = 1.50 DEG								
0.	.1320	.1318	.1143	.1144	.1247	.1235	.1231	.1233	.1223		.1185	.1183	.1210	.1199
25.		.1296	.1176	.1194	.1235	.1226	.1221	.1224	.1239	.1205	.1194	.1191	.1234	.1205
40.				.1261	.1233		.1238	.1249	.1262	.1241	.1201	.1224	.1263	.1216
55.	.1307	.1341	.1196	.1311	.1250	.1278	.1267	.1293	.1310	.1321	.1281	.1303	.1298	.1294
70.			.1431	.1493	.1470	.1488	.1459	.1477	.1490	.1489	.1507	.1476	.1490	.1501
80.				.1902	.1880	.1894	.1868	.1874	.1873	.1889	.1868	.1871	.1869	.1834
90.		.2533	.2424	.2461	.2393	.2452	.2442	.2459	.2460	.2482	.2488	.2422	.2442	.2408
100.				.2365	.2401	.2406	.2441	.2448	.2379	.2407	.2379	.2374	.2378	.2417
110.			.2028	.2072	.2099	.2102	.2072	.2094	.2082	.2122	.2106	.2088	.2076	.2109
125.	.1801	.1884	.1677	.1875	.1828	.1839	.1827	.1825	.1885	.1891	.1886	.1879	.1817	.1859
140.				.1792	.1798		.1769	.1776	.1815	.1781	.1767	.1763	.1733	.1782
155.		.1781	.1632	.1698	.1745	.1729	.1737	.1737	.1771	.1710	.1727	.1697	.1708	.1714
180.	.1775	.1775	.1593	.1627	.1762	.1702	.1703	.1714	.1770		.1709	.1708	.1687	.1723

TABLE IV. - CONTINUED

(E) MACH = 2.50, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.50 DEG								
0.	.2137	.2190	.2159	.2131	.2143	.2105	.2156	.2136	.2125	.2144	.2140	.2164	.2138	0.
25.	.2177	.2165	.2177	.2175	.2164	.2176	.2175	.2153		.2123	.2134	.2155	.2165	25.
40.	.2220	.2179	.2199	.2212	.2204	.2226	.2212	.2238	.2214	.2171	.2190	.2173	.2157	40.
55.	.2265	.2327	.2259	.2308		.2293	.2294	.2278	.2308	.2286	.2301	.2276	.2194	55.
70.	.2485	.2482	.2492	.2530	.2498	.2440	.2501	.2461	.2486	.2477	.2437	.2465	.2432	70.
80.		.2620	.2590	.2585	.2636	.2605	.2645	.2620	.2565	.2592	.2546	.2573	.2532	80.
90.	.2291	.2370	.2359	.2399	.2363	.2321	.2344	.2355	.2339	.2325	.2319	.2309	.2311	90.
100.		.1493	.1483	.1481	.1468	.1465	.1501	.1536	.1490	.1467	.1464	.1465	.1445	100.
110.	.1059	.1056	.1121	.1094	.1094	.1081	.1081	.1097	.1068	.1060	.1049	.1101	.1053	110.
125.	.0887	.0960	.0938	.0913		.0925	.0924	.0927	.0910	.0886	.0892	.0901	.0841	125.
140.	.0882	.0907	.0885	.0881	.0864	.0876	.0886	.0868	.0870	.0847	.0831	.0842	.0813	140.
155.	.0881	.0880	.0889	.0887	.0849	.0883	.0886	.0834		.0824	.0826	.0846	.0825	155.
180.	.0864	.0894	.0885	.0870	.0842	.0859	.0856	.0834	.0799	.0806	.0822	.0806	.0805	180.
						FOR ALPHA = -2.50 DEG								
0.	.1770	.1818	.1792	.1797	.1769	.1779	.1813	.1781	.1761	.1780	.1790	.1797	.1765	0.
25.	.1821	.1816	.1815	.1790	.1783	.1794	.1857	.1795		.1784	.1770	.1822	.1793	25.
40.	.1849	.1853	.1856	.1842	.1832	.1858	.1861	.1868	.1849	.1832	.1805	.1839	.1808	40.
55.	.1899	.1951	.1952	.1939		.1956	.1927	.1952	.1943	.1928	.1930	.1913	.1865	55.
70.	.2154	.2156	.2176	.2196	.2178	.2148	.2133	.2154	.2159	.2168	.2121	.2150	.2091	70.
80.		.2428	.2367	.2406	.2411	.2391	.2401	.2402	.2388	.2366	.2329	.2351	.2300	80.
90.	.2408	.2452	.2435	.2457	.2436	.2419	.2439	.2419	.2389	.2388	.2407	.2380	.2354	90.
100.		.1828	.1795	.1795	.1843	.1799	.1859	.1866	.1822	.1834	.1799	.1774	.1734	100.
110.	.1428	.1406	.1464	.1449	.1448	.1389	.1431	.1407	.1458	.1424	.1437	.1414	.1387	110.
125.	.1197	.1231	.1221	.1199		.1219	.1204	.1185	.1216	.1188	.1204	.1183	.1119	125.
140.	.1166	.1167	.1144	.1143	.1137	.1145	.1166	.1140	.1141	.1088	.1103	.1092	.1092	140.
155.	.1134	.1152	.1130	.1123	.1117	.1120	.1148	.1094		.1061	.1056	.1072	.1080	155.
180.	.1103	.1142	.1117	.1107	.1105	.1104	.1102	.1083	.1058	.1049	.1068	.1049	.1046	180.
						FOR ALPHA = -1.50 DEG								
0.	.1649	.1644	.1639	.1641	.1613	.1630	.1637	.1614	.1617	.1600	.1614	.1610	.1591	0.
25.	.1665	.1636	.1638	.1635	.1642	.1645	.1667	.1643		.1621	.1624	.1634	.1628	25.
40.	.1689	.1701	.1675	.1676	.1681	.1676	.1680	.1686	.1673	.1688	.1667	.1674	.1657	40.
55.	.1756	.1799	.1757	.1792		.1783	.1773	.1760	.1780	.1802	.1757	.1753	.1698	55.
70.	.2007	.1977	.1992	.2027	.1994	.2000	.2010	.2002	.2012	.2009	.1955	.1991	.1934	70.
80.		.2298	.2257	.2274	.2296	.2297	.2277	.2298	.2275	.2257	.2225	.2229	.2185	80.
90.	.2440	.2477	.2467	.2513	.2458	.2430	.2466	.2466	.2433	.2426	.2432	.2404	.2407	90.
100.		.2025	.1989	.2001	.2005	.1950	.2019	.1966	.1971	.1995	.1960	.1995	.1915	100.
110.	.1626	.1608	.1634	.1635	.1639	.1578	.1610	.1607	.1605	.1626	.1587	.1597	.1566	110.
125.	.1359	.1404	.1389	.1382		.1391	.1390	.1375	.1363	.1342	.1374	.1308	.1255	125.
140.	.1306	.1319	.1312	.1295	.1286	.1295	.1313	.1299	.1284	.1250	.1256	.1250	.1215	140.
155.	.1286	.1271	.1264	.1262	.1245	.1254	.1297	.1253		.1219	.1218	.1232	.1209	155.
180.	.1239	.1277	.1228	.1226	.1224	.1238	.1255	.1225	.1205	.1199	.1209	.1192	.1171	180.
						FOR ALPHA = -.50 DEG								
0.	.1462	.1500	.1496	.1489	.1470	.1478	.1515	.1465	.1447	.1447	.1462	.1461	.1421	0.
25.	.1503	.1505	.1531	.1489	.1504	.1510	.1524	.1468		.1445	.1464	.1510	.1450	25.
40.	.1540	.1541	.1550	.1523	.1510	.1517	.1533	.1537	.1506	.1494	.1503	.1514	.1461	40.
55.	.1616	.1656	.1615	.1603		.1598	.1617	.1637	.1593	.1601	.1599	.1591	.1539	55.
70.	.1825	.1814	.1850	.1866	.1831	.1818	.1850	.1838	.1805	.1824	.1810	.1864	.1788	70.
80.		.2140	.2146	.2175	.2136	.2148	.2155	.2154	.2151	.2143	.2083	.2133	.2057	80.
90.	.2471	.2495	.2486	.2519	.2467	.2430	.2466	.2466	.2463	.2455	.2421	.2440	.2389	90.
100.		.2157	.2129	.2133	.2144	.2126	.2152	.2196	.2156	.2180	.2111	.2102	.2084	100.
110.	.1813	.1757	.1801	.1807	.1781	.1756	.1763	.1788	.1781	.1797	.1767	.1758	.1755	110.
125.	.1546	.1548	.1528	.1543		.1538	.1530	.1524	.1520	.1513	.1524	.1514	.1452	125.
140.	.1489	.1478	.1436	.1463	.1443	.1432	.1449	.1449	.1431	.1403	.1393	.1423	.1376	140.
155.	.1437	.1432	.1403	.1422	.1410	.1385	.1415	.1396		.1372	.1354	.1370	.1349	155.
180.	.1393	.1413	.1387	.1388	.1385	.1384	.1376	.1385	.1347	.1341	.1358	.1341	.1313	180.
						FOR ALPHA = .50 DEG								
0.	.1326	.1358	.1347	.1322	.1316	.1335	.1348	.1329	.1302	.1307	.1319	.1300	.1287	0.
25.	.1354	.1379	.1365	.1351	.1337	.1356	.1365	.1317		.1315	.1322	.1348	.1307	25.
40.	.1382	.1395	.1380	.1386	.1364	.1372	.1394	.1375	.1365	.1336	.1350	.1353	.1322	40.
55.	.1438	.1492	.1448	.1441		.1456	.1465	.1469	.1445	.1453	.1448	.1431	.1357	55.
70.	.1679	.1656	.1696	.1689	.1685	.1639	.1684	.1673	.1669	.1666	.1681	.1689	.1638	70.
80.		.2015	.2004	.2023	.2027	.2025	.2037	.2022	.1993	.2012	.1974	.1976	.1948	80.
90.	.2453	.2472	.2494	.2518	.2475	.2439	.2457	.2490	.2464	.2449	.2437	.2418	.2389	90.
100.		.2297	.2275	.2275	.2287	.2271	.2293	.2311	.2275	.2280	.2232	.2262	.2195	100.
110.	.1954	.1942	.1988	.1982	.1920	.1890	.1946	.1931	.1943	.1974	.1915	.1959	.1917	110.
125.	.1692	.1722	.1709	.1693		.1693	.1702	.1688	.1706	.1691	.1683	.1677	.1601	125.
140.	.1618	.1620	.1601	.1592	.1588	.1596	.1618	.1610	.1571	.1553	.1554	.1559	.1529	140.
155.	.1599	.1566	.1571	.1582	.1547	.1542	.1578	.1528		.1514	.1525	.1522	.1522	155.
180.	.1559	.1563	.1542	.1531	.1510	.1521	.1524	.1510	.1490	.1493	.1513	.1500	.1453	180.
						FOR ALPHA = 1.50 DEG								
0.	.1175	.1219	.1194	.1203	.1193	.1202	.1206	.1192	.1171	.1155	.1172	.1165	.1165	0.
25.	.1204	.1221	.1216	.1223	.1205	.1225	.1242	.1187		.1177	.1181	.1205	.1188	25.
40.	.1257	.1257	.1234	.1241	.1227	.1220	.1236	.1227	.1224	.1205	.1213	.1218	.1196	40.
55.	.1298	.1345	.1312	.1295		.1315	.1316	.1311	.1301	.1279	.1285	.1269	.1223	55.
70.	.1514	.1479	.1514	.1519	.1506	.1496	.1532	.1522	.1523	.1492	.1489	.1511	.1484	70.
80.		.1880	.1864	.1860	.1873	.1864	.1876	.1874	.1847	.1894	.1826	.1829	.1786	80.
90.	.2397	.2476	.2462	.2501	.2466	.2425	.2465	.2444	.2439	.2461	.2417	.2388	.2385	90.
100.		.2441	.2393	.2420	.2380	.2387	.2437	.2408	.2438	.2441	.2393	.2363	.2324	100.
110.	.2119	.2086	.2120	.2138	.2074	.2068	.2069	.2098	.2113	.2147	.2114	.2079	.2072	110.
125.	.1837	.1884	.1842	.1897		.1866	.1857	.1869	.1843	.1845	.1857	.1817	.1804	125.
140.	.1806	.1810	.1749	.1773	.1746	.1745	.1757	.1762	.1723	.1725	.1698	.1718	.1701	140.
155.	.1768	.1752	.1702	.1736	.1687	.1695	.1720	.1713		.1676	.1678	.1702	.1669	155.
180.	.1711	.1731	.1683	.1716	.1689	.1693	.1674	.1682	.1643	.1641	.1656	.1662	.1615	180.

TABLE IV. - CONTINUED

(E) MACH = 2.50, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 2.50 DEG							
0.	.1173	.1180	.1013	.1008	.1107	.1092	.1097	.1091	.1114		.1063	.1078	.1040	.1087
25.		.1164	.1034	.1043	.1108	.1087	.1092	.1098	.1135	.1090	.1079	.1056	.1067	.1090
40.				.1107	.1106		.1077	.1123	.1116	.1114	.1136	.1102	.1142	.1098
55.	.1155	.1200	.1060	.1160	.1122	.1149	.1118	.1132	.1155	.1176	.1158	.1175	.1159	.1175
70.			.1267	.1322	.1288	.1325	.1303	.1318	.1317	.1327	.1336	.1322	.1354	.1360
80.				.1751	.1730	.1740	.1742	.1740	.1721	.1758	.1713	.1738	.1704	.1713
90.		.2495	.2396	.2423	.2379	.2417	.2402	.2443	.2437	.2475	.2422	.2415	.2397	.2441
100.				.2521	.2533	.2517	.2541	.2517	.2534	.2543	.2502	.2520	.2511	.2509
110.			.2178	.2268	.2257	.2278	.2247	.2242	.2269	.2276	.2252	.2272	.2268	.2278
125.	.1998	.2026	.1839	.2085	.1987	.2047	.2011	.2045	.2070	.2070	.2030	.2013	.2019	.2025
140.				.1988	.1936		.1940	.1963	.1964	.1949	.1925	.1920	.1968	.1939
155.		.1925	.1864	.1880	.1905	.1919	.1916	.1924	.1922	.1908	.1896	.1910	.1937	.1933
180.	.1963	.1926	.1724	.1834	.1916	.1874	.1874	.1907	.1911		.1869	.1904	.1906	.1869
							FOR ALPHA = 3.50 DEG							
0.	.1054	.1061	.0890	.0892	.0950	.0986	.0985	.0971	.1003		.0951	.0948	.0930	.0958
25.		.1046	.0912	.0907	.0970	.0964	.0986	.0955	.0999	.0954	.0970	.0950	.0950	.0960
40.				.0951	.0984		.0968	.0980	.0991	.0973	.0973	.0971	.0972	.0969
55.	.1020	.1062	.0945	.0991	.0965	.0991	.0994	.1000	.1011	.1015	.1026	.1029	.1018	.1008
70.			.1125	.1145	.1121	.1139	.1157	.1151	.1174	.1154	.1164	.1156	.1153	.1175
80.				.1611	.1575	.1570	.1601	.1591	.1571	.1552	.1560	.1569	.1551	.1544
90.		.2463	.2363	.2386	.2362	.2377	.2362	.2390	.2390	.2425	.2431	.2377	.2377	.2374
100.				.2589	.2648	.2644	.2666	.2656	.2636	.2639	.2614	.2601	.2612	.2629
110.			.2324	.2381	.2458	.2451	.2404	.2406	.2459	.2447	.2424	.2382	.2409	.2433
125.	.2153	.2227	.2002	.2200	.2171	.2188	.2189	.2174	.2252	.2277	.2233	.2228	.2193	.2170
140.				.2100	.2106		.2110	.2100	.2176	.2146	.2112	.2103	.2115	.2114
155.		.2117	.2059	.2034	.2076	.2072	.2079	.2058	.2104	.2045	.2075	.2037	.2083	.2085
180.	.2141	.2099	.1908	.2027	.2049	.2045	.2045	.2048	.2087		.2037	.2028	.2058	.2074
							FOR ALPHA = 5.50 DEG							
0.	.0803	.0814	.0672	.0680	.0701	.0746	.0759	.0753	.0768		.0738	.0742	.0712	.0741
25.		.0793	.0659	.0669	.0739	.0735	.0743	.0755	.0799	.0735	.0749	.0726	.0719	.0733
40.				.0698	.0719		.0722	.0747	.0747	.0737	.0796	.0733	.0735	.0732
55.	.0734	.0782	.0692	.0711	.0706	.0719	.0720	.0716	.0716	.0750	.0808	.0754	.0745	.0735
70.			.0733	.0810	.0777	.0802	.0804	.0803	.0831	.0823	.0825	.0806	.0816	.0847
80.				.1293	.1261	.1282	.1259	.1247	.1239	.1219	.1234	.1205	.1203	.1192
90.		.2392	.2265	.2314	.2271	.2305	.2283	.2308	.2314	.2352	.2312	.2280	.2294	.2310
100.				.2792	.2800	.2774	.2841	.2849	.2846	.2843	.2826	.2808	.2837	.2808
110.			.2677	.2736	.2705	.2727	.2696	.2759	.2764	.2726	.2734	.2733	.2806	.2778
125.	.2498	.2566	.2306	.2600	.2467	.2549	.2514	.2566	.2563	.2585	.2567	.2588	.2589	.2531
140.				.2501	.2435		.2490	.2495	.2497	.2482	.2446	.2498	.2490	.2485
155.		.2455	.2475	.2430	.2415	.2417	.2435	.2467	.2437	.2433	.2408	.2438	.2408	.2408
180.	.2512	.2425	.2265	.2432	.2411	.2380	.2368	.2444	.2442		.2421	.2416	.2396	.2437
							FOR ALPHA = 10.50 DEG							
0.	.0319	.0296	.0223	.0245	.0266	.0317	.0328	.0315	.0322		.0295	.0298	.0273	.0292
25.		.0288	.0144	.0136	.0239	.0269	.0281	.0282	.0322	.0260	.0167	.0276	.0273	.0266
40.				.0108	.0187		.0218	.0228	.0226	.0216	.0132	.0237	.0226	.0215
55.	.0149	.0224	.0040	.0037	.0007	.0009	.0056	.0069	.0083	.0094	.0123	.0136	.0117	.0110
70.			-.0111	-.0102	-.0155	-.0172	-.0162	-.0171	-.0186	-.0204	-.0136	-.0177	-.0185	-.0172
80.				.0510	.0464	.0438	.0388	.0374	.0326	.0289	.0346	.0286	.0248	.0223
90.		.2132	.2097	.2054	.2018	.2027	.2000	.1998	.2039	.2057	.2015	.1977	.1985	.1958
100.				.3263	.3218	.3137	.3267	.3277	.3267	.3286	.3277	.3268	.3266	.3289
110.			.3518	.3590	.3524	.3549	.3492	.3567	.3636	.3581	.3596	.3542	.3574	.3646
125.	.3434	.3550	.3521	.3611	.3482	.3518	.3552	.3561	.3585	.3560	.3577	.3577	.3585	.3609
140.				.3568	.3544		.3511	.3512	.3532	.3539	.3488	.3535	.3567	.3529
155.		.3501	.3557	.3495	.3560	.3463	.3475	.3527	.3518	.3484	.3532	.3484	.3503	.3452
180.	.3587	.3530	.3336	.3530	.3552	.3436	.3445	.3531	.3574		.3485	.3442	.3437	.3507
							FOR ALPHA = 15.50 DEG							
0.	-.0102	-.0063	-.0221	-.0079	-.0074	-.0055	-.0056	-.0056	-.0041		-.0032	-.0043	-.0059	-.0039
25.		-.0362	-.0382	-.0321	-.0218	-.0191	-.0152	-.0127	-.0042	-.0104	-.0049	-.0067	-.0062	-.0069
40.				-.0429	-.0341		-.0391	-.0377	-.0408	-.0410	-.0365	-.0350	-.0334	-.0340
55.	-.0316	-.0330	-.0585	-.0668	-.0710	-.0783	-.0736	-.0758	-.0769	-.0780	-.0739	-.0739	-.0729	-.0707
70.			-.0730	-.0887	-.0906	-.0911	-.0888	-.0893	-.0912	-.0924	-.0885	-.0902	-.0916	-.0940
80.				-.0217	-.0223	-.0277	-.0317	-.0326	-.0356	-.0392	-.0371	-.0369	-.0418	-.0429
90.		.1834	.1820	.1743	.1721	.1766	.1685	.1695	.1732	.1774	.1777	.1742	.1690	.1672
100.				.3632	.3606	.3506	.3641	.3657	.3651	.3671	.3644	.3670	.3663	.3694
110.			.4387	.4518	.4420	.4421	.4444	.4434	.4458	.4527	.4522	.4462	.4463	.4438
125.	.4534	.4717	.4766	.4790	.4606	.4686	.4668	.4754	.4742	.4796	.4809	.4776	.4728	.4751
140.				.4815	.4750		.4721	.4826	.4799	.4738	.4868	.4794	.4776	.4845
155.		.4863	.4860	.4768	.4747	.4737	.4750	.4805	.4790	.4782	.4793	.4841	.4792	.4793
180.	.4899	.4795	.4717	.4786	.4774	.4724	.4727	.4806	.4863		.4769	.4853	.4749	.4774
							FOR ALPHA = 20.50 DEG							
0.	-.0400	-.0393	-.0548	-.0421	-.0325	-.0312	-.0331	-.0357	-.0360		-.0327	-.0336	-.0320	-.0304
25.		-.0971	-.0771	-.0920	-.0795	-.0714	-.0634	-.0576	-.0489	-.0593	-.0534	-.0519	-.0546	-.0538
40.				-.1149	-.1265		-.1283	-.1263	-.1259	-.1267	-.1218	-.1232	-.1244	-.1255
55.	-.0809	-.0900	-.1199	-.1139	-.1190	-.1195	-.1169	-.1193	-.1211	-.1220	-.1171	-.1177	-.1175	-.1175
70.			-.1226	-.1242	-.1249	-.1261	-.1232	-.1236	-.1254	-.1259	-.1205	-.1209	-.1206	-.1204
80.				-.0650	-.0687	-.0677	-.0681	-.0701	-.0737	-.0778	-.0763	-.0780	-.0805	-.0825
90.		.1582	.1450	.1467	.1444	.1483	.1429	.1420	.1445	.1465	.1481	.1475	.1451	.1429
100.				.3918	.3939	.3753	.3939	.3941	.3919	.3978	.4069	.4046	.4086	.3962
110.			.5336	.5343	.5310	.5338	.5283	.5324	.5333	.5326	.5389	.5396	.5404	.5336
125.	.5702	.5862	.5979	.5990	.5825	.5945	.5954	.5919	.5939	.5979	.6023	.5964	.6047	.6047
140.				.6174	.6104		.6118	.6174	.6172	.6128	.6172	.6156	.6171	.6205
155.		.6159	.6186	.6141	.6147	.6196	.6231	.6170	.6166	.6160	.6234	.6205	.6245	.6232
180.	.6319	.6200	.6094	.6249	.6207	.6221	.6178	.6255	.6297		.6210	.6287	.6274	.6319

TABLE IV. - CONTINUED

(E) MACH = 2.50, BETA = .00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.	.1055	.1091	.1059	.1075	.1055	.1070	.1066	.1065	.1027	.1019	.1044	.1065	.1046	0.
25.	.1083	.1093	.1077	.1106	.1061	.1088	.1092	.1072		.1022	.1055	.1060	.1061	25.
40.	.1107	.1118	.1090	.1113	.1085	.1085	.1101	.1119	.1097	.1067	.1066	.1067	.1058	40.
55.	.1134	.1190	.1150	.1165		.1143	.1174	.1145	.1154	.1133	.1138	.1109	.1081	55.
70.	.1347	.1326	.1360	.1391	.1362	.1331	.1354	.1341	.1354	.1332	.1329	.1339	.1334	70.
80.		.1689	.1713	.1692	.1726	.1712	.1725	.1698	.1701	.1717	.1677	.1679	.1643	80.
90.	.2439	.2462	.2443	.2483	.2436	.2401	.2426	.2420	.2429	.2423	.2405	.2365	.2384	90.
100.		.2539	.2549	.2534	.2555	.2542	.2538	.2551	.2533	.2537	.2532	.2494	.2461	100.
110.	.2310	.2272	.2330	.2309	.2296	.2260	.2303	.2286	.2286	.2282	.2232	.2282	.2253	110.
125.	.2019	.2077	.2064	.2046		.2041	.2059	.2027	.2015	.2024	.2014	.2012	.1960	125.
140.	.1964	.2003	.1941	.1946	.1955	.1935	.1955	.1924	.1920	.1901	.1915	.1918	.1881	140.
155.	.1911	.1890	.1909	.1904	.1869	.1878	.1925	.1856		.1842	.1870	.1871	.1819	155.
180.	.1861	.1890	.1876	.1885	.1850	.1876	.1847	.1836	.1841	.1820	.1837	.1822	.1797	180.
						FOR ALPHA = 3.50 DEG								
0.	.0946	.0961	.0945	.0947	.0935	.0946	.0940	.0933	.0908	.0916	.0905	.0929	.0915	0.
25.	.0967	.0963	.0955	.0956	.0955	.0963	.0964	.0953		.0913	.0917	.0940	.0925	25.
40.	.0973	.0983	.0952	.0970	.0956	.0968	.0948	.0967	.0955	.0948	.0942	.0934	.0913	40.
55.	.1008	.1047	.1003	.1028		.1015	.1008	.0999	.0997	.1001	.0989	.0981	.0938	55.
70.	.1176	.1176	.1168	.1192	.1179	.1182	.1193	.1169	.1166	.1182	.1157	.1171	.1140	70.
80.		.1541	.1528	.1517	.1548	.1565	.1563	.1568	.1536	.1543	.1509	.1485	.1452	80.
90.	.2376	.2417	.2420	.2447	.2398	.2365	.2389	.2388	.2372	.2374	.2353	.2322	.2336	90.
100.		.2653	.2646	.2697	.2668	.2618	.2641	.2699	.2665	.2661	.2587	.2606	.2558	100.
110.	.2472	.2416	.2438	.2481	.2411	.2420	.2426	.2470	.2496	.2476	.2439	.2439	.2377	110.
125.	.2207	.2256	.2198	.2233		.2213	.2203	.2251	.2213	.2201	.2193	.2215	.2163	125.
140.	.2153	.2149	.2116	.2130	.2121	.2099	.2088	.2108	.2061	.2087	.2052	.2100	.2098	140.
155.	.2108	.2111	.2083	.2057	.2064	.2061	.2067	.2037		.2014	.2004	.2077	.2022	155.
180.	.2059	.2071	.2058	.2067	.2041	.2038	.2028	.2025	.2004	.1993	.1981	.2003	.1964	180.
						FOR ALPHA = 5.50 DEG								
0.	.0722	.0734	.0726	.0724	.0709	.0704	.0709	.0715	.0694	.0690	.0713	.0723	.0688	0.
25.	.0727	.0727	.0724	.0724	.0718	.0720	.0730	.0709		.0683	.0701	.0708	.0697	25.
40.	.0726	.0726	.0708	.0731	.0717	.0712	.0729	.0744	.0712	.0697	.0686	.0675	.0678	40.
55.	.0720	.0755	.0726	.0734		.0725	.0739	.0717	.0722	.0717	.0710	.0706	.0670	55.
70.	.0837	.0811	.0859	.0885	.0835	.0824	.0828	.0794	.0833	.0817	.0805	.0825	.0792	70.
80.		.1178	.1180	.1153	.1181	.1195	.1195	.1202	.1191	.1181	.1137	.1143	.1128	80.
90.	.2287	.2320	.2300	.2343	.2305	.2261	.2289	.2300	.2272	.2281	.2248	.2232	.2228	90.
100.		.2874	.2875	.2848	.2843	.2817	.2876	.2877	.2845	.2856	.2831	.2825	.2802	100.
110.	.2797	.2741	.2819	.2772	.2771	.2714	.2764	.2753	.2782	.2767	.2745	.2788	.2712	110.
125.	.2573	.2595	.2613	.2589		.2607	.2600	.2577	.2570	.2535	.2579	.2568	.2475	125.
140.	.2515	.2543	.2530	.2497	.2491	.2476	.2514	.2458	.2468	.2432	.2463	.2431	.2423	140.
155.	.2470	.2473	.2500	.2450	.2440	.2413	.2491	.2398		.2410	.2408	.2430	.2396	155.
180.	.2420	.2466	.2452	.2412	.2413	.2425	.2431	.2383	.2363	.2365	.2396	.2359	.2361	180.
						FOR ALPHA = 10.50 DEG								
0.	.0264	.0283	.0265	.0260	.0269	.0261	.0261	.0249	.0246	.0243	.0247	.0243	.0229	0.
25.	.0251	.0254	.0241	.0244	.0258	.0255	.0255	.0234		.0212	.0214	.0219	.0213	25.
40.	.0202	.0199	.0180	.0192	.0205	.0200	.0199	.0195	.0183	.0171	.0170	.0173	.0158	40.
55.	.0086	.0103	.0076	.0080		.0082	.0082	.0058	.0063	.0068	.0068	.0043	-.0003	55.
70.	-.0178	-.0185	-.0162	-.0157	-.0165	-.0148	-.0129	-.0136	-.0137	-.0150	-.0156	-.0157	-.0162	70.
80.		.0168	.0134	.0099	.0100	.0129	.0141	.0131	.0102	.0084	.0055	.0069	.0075	80.
90.	.1983	.1999	.1979	.2000	.1985	.1924	.1969	.1982	.1907	.1912	.1915	.1907	.1921	90.
100.		.3335	.3310	.3273	.3319	.3273	.3310	.3348	.3249	.3281	.3226	.3287	.3301	100.
110.	.3641	.3587	.3637	.3621	.3599	.3601	.3643	.3598	.3585	.3604	.3532	.3572	.3581	110.
125.	.3587	.3664	.3614	.3640		.3602	.3576	.3560	.3608	.3565	.3599	.3609	.3483	125.
140.	.3604	.3601	.3568	.3642	.3570	.3538	.3553	.3524	.3500	.3540	.3539	.3543	.3453	140.
155.	.3559	.3539	.3570	.3607	.3523	.3532	.3583	.3500		.3465	.3443	.3468	.3473	155.
180.	.3501	.3564	.3563	.3542	.3495	.3503	.3496	.3517	.3443	.3438	.3457	.3437	.3401	180.
						FOR ALPHA = 15.50 DEG								
0.	-.0097	-.0079	-.0086	-.0091	-.0097	-.0084	-.0077	-.0087	-.0102	-.0104	-.0104	-.0094	-.0115	0.
25.	-.0113	-.0115	-.0120	-.0122	-.0124	-.0122	-.0111	-.0135		-.0158	-.0156	-.0149	-.0162	25.
40.	-.0411	-.0392	-.0406	-.0420	-.0414	-.0422	-.0437	-.0424	-.0458	-.0441	-.0457	-.0456	-.0474	40.
55.	-.0769	-.0732	-.0720	-.0705		-.0664	-.0662	-.0643	-.0636	-.0639	-.0626	-.0608	-.0628	55.
70.	-.1059	-.1084	-.1087	-.1105	-.1134	-.1139	-.1156	-.1157	-.1176	-.1213	-.1203	-.1192	-.1197	70.
80.		-.0526	-.0579	-.0560	-.0589	-.0581	-.0590	-.0559	-.0572	-.0619	-.0617	-.0619	-.0626	80.
90.	.1665	.1709	.1675	.1735	.1692	.1589	.1610	.1698	.1654	.1644	.1662	.1632	.1646	90.
100.		.3720	.3788	.3764	.3714	.3716	.3697	.3694	.3722	.3755	.3675	.3658	.3601	100.
110.	.4529	.4493	.4535	.4524	.4508	.4500	.4562	.4458	.4489	.4567	.4468	.4503	.4461	110.
125.	.4757	.4844	.4744	.4787		.4740	.4864	.4783	.4701	.4844	.4697	.4673	.4670	125.
140.	.4944	.4883	.4823	.4799	.4823	.4800	.4839	.4802	.4789	.4782	.4825	.4755	.4672	140.
155.	.4927	.4881	.4824	.4851	.4829	.4821	.4840	.4765		.4740	.4821	.4780	.4670	155.
180.	.4921	.4854	.4817	.4880	.4858	.4818	.4795	.4749	.4748	.4754	.4800	.4765	.4723	180.
						FOR ALPHA = 20.50 DEG								
0.	-.0375	-.0356	-.0361	-.0358	-.0355	-.0350	-.0342	-.0354	-.0379	-.0392	-.0381	-.0372	-.0382	0.
25.	-.0573	-.0583	-.0567	-.0552	-.0550	-.0549	-.0543	-.0530		-.0550	-.0514	-.0483	-.0501	25.
40.	-.1379	-.1391	-.1400	-.1388	-.1392	-.1412	-.1423	-.1413	-.1424	-.1468	-.1468	-.1480	-.1503	40.
55.	-.1297	-.1301	-.1309	-.1305		-.1294	-.1273	-.1259	-.1256	-.1283	-.1286	-.1278	-.1299	55.
70.	-.1321	-.1329	-.1323	-.1318	-.1322	-.1301	-.1296	-.1291	-.1310	-.1342	-.1347	-.1346	-.1367	70.
80.		-.0967	-.0983	-.0985	-.1007	-.0974	-.0980	-.0974	-.0995	-.1048	-.1063	-.1046	-.1058	80.
90.	.1422	.1419	.1420	.1486	.1449	.1408	.1412	.1453	.1433	.1439	.1416	.1412	.1384	90.
100.		.4074	.4117	.4079	.4093	.4071	.4104	.4107	.4022	.4046	.4061	.4045	.3968	100.
110.	.5429	.5451	.5415	.5388	.5434	.5456	.5464	.5451	.5451	.5432	.5320	.5421	.5433	110.
125.	.6079	.6089	.6046	.6052		.5985	.6115	.6112	.6057	.6042	.5978	.5957	.5897	125.
140.	.6316	.6240	.6205	.6196	.6219	.6238	.6166	.6163	.6171	.6167	.6162	.6160	.6108	140.
155.	.6323	.6234	.6334	.6330	.6287	.6254	.6318	.6200		.6143	.6216	.6287	.6199	155.
180.	.6311	.6291	.6231	.6338	.6342	.6256	.6257	.6217	.6199	.6232	.6183	.6175	.6168	180.

TABLE IV. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.50 DEG								
0.	.2350	.2298	.2108	.2263	.2277	.2223	.2244	.2217	.2240		.2207	.2166	.2141	.2165
25.		.2364	.2268	.2274	.2286	.2242	.2271	.2265	.2274	.2196	.2237	.2188	.2220	.2203
40.				.2321	.2301		.2279	.2248	.2283	.2237	.2243	.2217	.2244	.2220
55.	.2276	.2385	.2189	.2397	.2310	.2307	.2312	.2282	.2326	.2318	.2306	.2293	.2303	.2279
70.			.2403	.2467	.2550	.2460	.2441	.2418	.2447	.2423	.2419	.2405	.2425	.2428
80.				.2485	.2562	.2489	.2548	.2520	.2518	.2511	.2483	.2537	.2518	.2498
90.		.2318	.2176	.2258	.2214	.2242	.2207	.2228	.2228	.2251	.2250	.2205	.2194	.2208
100.				.1490	.1469	.1432	.1465	.1428	.1402	.1394	.1397	.1356	.1377	.1381
110.			.1013	.1044	.1016	.1009	.1063	.1008	.1016	.1008	.1028	.1008	.1024	.1030
125.	.0950	.0992	.0866	.0937	.0902	.0920	.0936	.0912	.0924	.0918	.0932	.0925	.0964	.0895
140.				.0862	.0906		.0923	.0929	.0926	.0894	.0911	.0884	.0933	.0876
155.		.1009	.0845	.0863	.0893	.0911	.0929	.0918	.0947	.0905	.0916	.0876	.0880	.0876
180.	.0987	.1006	.0831	.0843	.0882	.0917	.0915	.0913	.0929		.0893	.0896	.0874	.0895
205.		.0970	.0806	.0871	.0913	.0907	.0899	.0916	.0948	.0891	.0901	.0874	.0892	.0889
220.				.0899	.0914		.0897	.0926	.0938	.0915	.0906	.0889	.0900	.0895
235.	.0965	.0987	.0858	.0954	.0927	.0949	.0938	.0918	.0945	.0962	.0935	.0942	.0933	.0934
250.			.1022	.1154	.1140	.1147	.1126	.1092	.1135	.1135	.1137	.1080	.1115	.1119
260.				.1715	.1731	.1747	.1671	.1638	.1631	.1665	.1642	.1574	.1573	.1588
270.		.2673	.2536	.2587	.2567	.2594	.2573	.2586	.2595	.2601	.2586	.2535	.2522	.2535
280.				.2776	.2798	.2759	.2838	.2801	.2799	.2796	.2755	.2770	.2738	.2720
290.			.2567	.2591	.2594	.2600	.2588	.2582	.2610	.2581	.2571	.2551	.2578	.2531
305.	.2341	.2415	.2219	.2413	.2368	.2393	.2346	.2352	.2367	.2362	.2360	.2338	.2347	.2309
320.				.2312	.2259		.2248	.2257	.2264	.2236	.2238	.2205	.2217	.2262
335.		.2273	.2262	.2234	.2224	.2232	.2209	.2203	.2245	.2205	.2176	.2160	.2140	.2221
						FOR ALPHA = -2.50 DEG								
0.	.2007	.1968	.1766	.1851	.1907	.1896	.1877	.1873	.1887		.1831	.1812	.1814	.1831
25.		.2014	.1865	.1922	.1940	.1901	.1921	.1897	.1921	.1888	.1889	.1822	.1915	.1865
40.				.1978	.1945		.1931	.1894	.1926	.1898	.1893	.1887	.1948	.1911
55.	.1955	.2036	.1867	.2020	.1954	.1988	.1973	.1922	.1985	.1979	.1966	.1984	.1985	.1965
70.			.2089	.2130	.2148	.2147	.2129	.2117	.2142	.2140	.2125	.2110	.2142	.2199
80.				.2320	.2348	.2343	.2352	.2338	.2322	.2328	.2280	.2269	.2279	.2268
90.		.2390	.2271	.2317	.2281	.2314	.2285	.2325	.2301	.2316	.2298	.2283	.2279	.2273
100.				.1769	.1813	.1737	.1759	.1774	.1772	.1706	.1702	.1770	.1703	.1695
110.			.1321	.1371	.1383	.1379	.1377	.1354	.1394	.1324	.1377	.1367	.1372	.1358
125.	.1206	.1255	.1111	.1213	.1182	.1201	.1196	.1198	.1236	.1181	.1210	.1234	.1224	.1174
140.				.1150	.1168		.1171	.1178	.1190	.1157	.1162	.1154	.1158	.1115
155.		.1250	.1093	.1106	.1142	.1157	.1185	.1159	.1184	.1131	.1149	.1131	.1141	.1088
180.	.1223	.1246	.1067	.1086	.1150	.1149	.1176	.1159	.1188		.1133	.1125	.1113	.1121
205.		.1217	.1065	.1131	.1178	.1134	.1169	.1185	.1223	.1158	.1155	.1115	.1119	.1180
220.				.1198	.1211		.1181	.1189	.1234	.1192	.1167	.1160	.1172	.1220
235.	.1246	.1276	.1186	.1259	.1242	.1270	.1252	.1237	.1258	.1268	.1233	.1234	.1242	.1249
250.			.1478	.1475	.1497	.1507	.1503	.1483	.1519	.1522	.1454	.1478	.1462	.1503
260.				.2023	.2012	.2038	.2001	.1972	.1997	.2030	.1936	.1972	.1944	.1975
270.		.2727	.2631	.2660	.2614	.2650	.2628	.2656	.2626	.2664	.2626	.2605	.2634	.2592
280.				.2582	.2568	.2541	.2607	.2537	.2513	.2567	.2527	.2527	.2502	.2511
290.			.2225	.2292	.2265	.2281	.2259	.2263	.2238	.2222	.2265	.2197	.2195	.2237
305.	.1983	.2074	.1864	.2061	.1970	.2013	.2000	.1996	.2005	.1975	.1987	.1949	.1938	.1984
320.				.1949	.1915		.1906	.1931	.1909	.1879	.1862	.1871	.1843	.1841
335.		.1935	.1818	.1853	.1880	.1859	.1873	.1866	.1861	.1820	.1818	.1787	.1795	.1788
						FOR ALPHA = -1.50 DEG								
0.	.1821	.1801	.1611	.1665	.1741	.1714	.1701	.1703	.1727		.1663	.1670	.1643	.1683
25.		.1851	.1698	.1778	.1783	.1760	.1728	.1735	.1781	.1735	.1716	.1707	.1704	.1709
40.				.1793	.1800		.1750	.1763	.1800	.1745	.1725	.1758	.1731	.1734
55.	.1817	.1881	.1695	.1844	.1813	.1832	.1793	.1807	.1812	.1819	.1811	.1827	.1807	.1817
70.			.1699	.1995	.2110	.1999	.1962	.1991	.1967	.1965	.1986	.1967	.1971	.1996
80.				.2228	.2207	.2225	.2241	.2229	.2203	.2226	.2199	.2204	.2209	.2231
90.		.2381	.2277	.2338	.2291	.2337	.2288	.2339	.2312	.2340	.2331	.2295	.2323	.2297
100.				.1884	.1930	.1918	.1900	.1894	.1881	.1899	.1832	.1889	.1862	.1856
110.			.1445	.1517	.1532	.1564	.1521	.1506	.1566	.1536	.1491	.1521	.1516	.1556
125.	.1338	.1385	.1232	.1344	.1318	.1364	.1340	.1335	.1377	.1361	.1338	.1360	.1347	.1363
140.				.1281	.1306		.1295	.1311	.1328	.1304	.1269	.1283	.1311	.1287
155.		.1365	.1218	.1243	.1302	.1291	.1296	.1287	.1326	.1274	.1261	.1244	.1277	.1251
180.	.1363	.1374	.1194	.1212	.1296	.1284	.1301	.1286	.1320		.1270	.1259	.1241	.1267
205.		.1359	.1194	.1282	.1311	.1318	.1318	.1310	.1337	.1315	.1318	.1272	.1288	.1270
220.				.1352	.1350		.1335	.1329	.1354	.1342	.1330	.1333	.1332	.1321
235.	.1440	.1443	.1309	.1424	.1381	.1432	.1416	.1399	.1439	.1430	.1418	.1448	.1415	.1401
250.			.1661	.1648	.1646	.1676	.1673	.1685	.1704	.1677	.1665	.1668	.1663	.1698
260.				.2170	.2187	.2169	.2171	.2199	.2157	.2150	.2130	.2159	.2104	.2128
270.		.2729	.2656	.2670	.2630	.2657	.2630	.2682	.2654	.2668	.2684	.2632	.2624	.2647
280.				.2425	.2443	.2459	.2455	.2428	.2408	.2389	.2374	.2396	.2396	.2377
290.			.2048	.2112	.2065	.2127	.2103	.2059	.2076	.2043	.2061	.2020	.2047	.2048
305.	.1800	.1881	.1696	.1863	.1786	.1853	.1808	.1805	.1825	.1838	.1804	.1816	.1798	.1770
320.				.1784	.1731		.1739	.1756	.1715	.1718	.1699	.1683	.1694	.1677
335.		.1778	.1599	.1692	.1682	.1665	.1697	.1680	.1681	.1666	.1645	.1617	.1638	.1654

TABLE IV. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.50 DEG								
0.	.2188	.2191	.2201	.2194	.2186	.2189	.2195	.2173	.2159	.2159	.2181	.2196	.2153	0.
25.	.2255	.2240	.2256	.2239	.2200	.2277	.2250	.2214		.2210	.2193	.2246	.2197	25.
40.	.2276	.2283	.2256	.2265	.2231	.2253	.2276	.2276	.2217	.2247	.2218	.2249	.2212	40.
55.	.2270	.2395	.2296	.2312		.2332	.2314	.2333	.2301	.2317	.2283	.2296	.2230	55.
70.	.2429	.2428	.2481	.2505	.2430	.2450	.2447	.2461	.2463	.2457	.2410	.2461	.2431	70.
80.		.2545	.2522	.2552	.2536	.2541	.2538	.2547	.2520	.2528	.2522	.2532	.2497	80.
90.	.2201	.2236	.2218	.2268	.2192	.2183	.2212	.2213	.2189	.2185	.2175	.2193	.2187	90.
100.		.1403	.1376	.1342	.1322	.1422	.1372	.1361	.1353	.1354	.1315	.1321	.1309	100.
110.	.1056	.1034	.1058	.1056	.1050	.1045	.1040	.1021	.1014	.1028	.1001	.1001	.0972	110.
125.	.0892	.0920	.0900	.0923		.0914	.0913	.0892	.0879	.0906	.0863	.0846	.0810	125.
140.	.0882	.0890	.0875	.0884	.0883	.0877	.0873	.0872	.0866	.0852	.0826	.0824	.0803	140.
155.	.0888	.0875	.0866	.0864	.0863	.0860	.0871	.0850		.0825	.0822	.0826	.0809	155.
180.	.0883	.0878	.0859	.0855	.0842	.0837	.0844	.0828	.0812	.0798	.0808	.0811	.0795	180.
205.	.0883	.0873	.0868	.0870	.0861	.0844	.0857	.0835		.0791	.0817	.0835	.0816	205.
220.	.0901	.0883	.0880	.0877	.0883	.0853	.0879	.0879	.0855	.0837	.0817	.0830	.0816	220.
235.	.0923	.0932	.0908	.0930		.0919	.0943	.0925	.0920	.0910	.0884	.0888	.0848	235.
250.	.1150	.1079	.1134	.1175	.1140	.1119	.1116	.1131	.1167	.1106	.1096	.1111	.1114	250.
260.		.1554	.1611	.1611	.1619	.1592	.1566	.1627	.1633	.1625	.1523	.1580	.1534	260.
270.	.2544	.2563	.2562	.2606	.2575	.2519	.2531	.2542	.2540	.2553	.2530	.2517	.2467	270.
280.		.2785	.2750	.2769	.2775	.2778	.2776	.2797	.2758	.2795	.2752	.2784	.2694	280.
290.	.2598	.2540	.2584	.2619	.2611	.2578	.2579	.2564	.2589	.2618	.2562	.2616	.2584	290.
305.	.2325	.2395	.2333	.2329		.2352	.2346	.2338	.2340	.2359	.2332	.2338	.2283	305.
320.	.2260	.2264	.2239	.2219	.2243	.2215	.2229	.2255	.2248	.2224	.2207	.2206	.2191	320.
335.	.2203	.2173	.2204	.2209	.2180	.2190	.2204	.2148		.2139	.2145	.2165	.2146	335.
						FOR ALPHA = -2.50 DEG								
0.	.1840	.1871	.1836	.1844	.1846	.1845	.1849	.1838	.1809	.1823	.1827	.1822	.1809	0.
25.	.1904	.1915	.1906	.1894	.1896	.1905	.1913	.1870		.1868	.1838	.1886	.1853	25.
40.	.1936	.1941	.1928	.1924	.1904	.1921	.1911	.1911	.1907	.1909	.1855	.1895	.1861	40.
55.	.1979	.2024	.1975	.1983		.2000	.1965	.1979	.1961	.1981	.1952	.1954	.1904	55.
70.	.2150	.2141	.2159	.2176	.2163	.2145	.2111	.2150	.2152	.2153	.2127	.2143	.2135	70.
80.		.2356	.2301	.2340	.2335	.2343	.2327	.2346	.2332	.2327	.2308	.2345	.2298	80.
90.	.2278	.2302	.2278	.2350	.2293	.2257	.2295	.2292	.2272	.2282	.2288	.2267	.2238	90.
100.		.1715	.1707	.1706	.1698	.1716	.1705	.1769	.1674	.1724	.1689	.1680	.1604	100.
110.	.1361	.1372	.1374	.1389	.1357	.1355	.1357	.1405	.1334	.1364	.1366	.1394	.1294	110.
125.	.1166	.1248	.1167	.1199		.1199	.1196	.1187	.1163	.1189	.1164	.1167	.1076	125.
140.	.1153	.1159	.1134	.1128	.1120	.1150	.1139	.1133	.1104	.1097	.1091	.1116	.1043	140.
155.	.1131	.1143	.1143	.1107	.1097	.1144	.1122	.1107		.1063	.1071	.1086	.1053	155.
180.	.1115	.1129	.1122	.1112	.1085	.1104	.1094	.1079	.1047	.1056	.1055	.1057	.1028	180.
205.	.1131	.1124	.1131	.1148	.1107	.1128	.1125	.1114		.1080	.1062	.1101	.1065	205.
220.	.1149	.1184	.1141	.1172	.1137	.1156	.1166	.1180	.1147	.1128	.1093	.1104	.1089	220.
235.	.1213	.1273	.1226	.1260		.1252	.1240	.1262	.1231	.1229	.1206	.1224	.1188	235.
250.	.1493	.1485	.1530	.1546	.1517	.1497	.1488	.1483	.1512	.1481	.1449	.1507	.1502	250.
260.		.1966	.1921	.1976	.1983	.1965	.1959	.1989	.2007	.1948	.1938	.1925	.1934	260.
270.	.2586	.2666	.2653	.2666	.2638	.2590	.2597	.2610	.2627	.2613	.2629	.2605	.2565	270.
280.		.2577	.2561	.2549	.2555	.2566	.2575	.2556	.2532	.2591	.2521	.2512	.2480	280.
290.	.2256	.2227	.2276	.2284	.2259	.2262	.2261	.2254	.2250	.2287	.2212	.2248	.2267	290.
305.	.2010	.2027	.1967	.1995		.2003	.2025	.1997	.1996	.2010	.2014	.1975	.1910	305.
320.	.1924	.1896	.1859	.1889	.1870	.1875	.1898	.1884	.1874	.1883	.1862	.1874	.1821	320.
335.	.1854	.1808	.1807	.1850	.1853	.1834	.1848	.1820		.1803	.1824	.1828	.1808	335.
						FOR ALPHA = -1.50 DEG								
0.	.1677	.1699	.1672	.1675	.1682	.1674	.1675	.1664	.1651	.1638	.1657	.1662	.1656	0.
25.	.1746	.1743	.1727	.1745	.1736	.1727	.1743	.1737		.1683	.1698	.1755	.1701	25.
40.	.1781	.1780	.1739	.1764	.1762	.1724	.1743	.1777	.1755	.1727	.1726	.1721	.1696	40.
55.	.1817	.1851	.1804	.1848		.1814	.1822	.1855	.1811	.1804	.1818	.1770	.1720	55.
70.	.2020	.1958	.1997	.2043	.2021	.1972	.2008	.1988	.2004	.1992	.1975	.1984	.1971	70.
80.		.2219	.2211	.2257	.2230	.2207	.2249	.2212	.2194	.2214	.2192	.2212	.2177	80.
90.	.2329	.2325	.2329	.2362	.2327	.2278	.2314	.2312	.2296	.2298	.2309	.2282	.2268	90.
100.		.1854	.1847	.1866	.1882	.1843	.1838	.1918	.1891	.1832	.1830	.1817	.1782	100.
110.	.1536	.1508	.1533	.1545	.1540	.1498	.1507	.1560	.1560	.1532	.1505	.1523	.1508	110.
125.	.1306	.1384	.1325	.1344		.1322	.1342	.1339	.1342	.1316	.1307	.1326	.1258	125.
140.	.1267	.1298	.1265	.1291	.1263	.1259	.1268	.1283	.1259	.1225	.1212	.1249	.1217	140.
155.	.1256	.1265	.1252	.1274	.1221	.1258	.1261	.1243		.1188	.1195	.1223	.1208	155.
180.	.1244	.1266	.1255	.1248	.1218	.1238	.1233	.1236	.1209	.1190	.1188	.1191	.1174	180.
205.	.1284	.1290	.1271	.1271	.1258	.1279	.1267	.1248		.1236	.1211	.1227	.1209	205.
220.	.1322	.1333	.1300	.1320	.1333	.1318	.1307	.1304	.1313	.1298	.1258	.1263	.1235	220.
235.	.1397	.1456	.1386	.1415		.1433	.1396	.1395	.1399	.1393	.1391	.1382	.1336	235.
250.	.1760	.1705	.1693	.1710	.1700	.1699	.1680	.1681	.1675	.1692	.1704	.1693	.1655	250.
260.		.2183	.2084	.2111	.2137	.2123	.2136	.2138	.2146	.2143	.2129	.2115	.2089	260.
270.	.2639	.2680	.2655	.2711	.2670	.2621	.2651	.2640	.2640	.2658	.2661	.2629	.2587	270.
280.		.2440	.2443	.2413	.2457	.2451	.2434	.2450	.2417	.2426	.2392	.2408	.2354	280.
290.	.2068	.2060	.2080	.2100	.2103	.2072	.2095	.2097	.2132	.2104	.2087	.2105	.2048	290.
305.	.1794	.1854	.1809	.1812		.1838	.1857	.1810	.1844	.1848	.1815	.1813	.1744	305.
320.	.1731	.1712	.1697	.1695	.1683	.1703	.1706	.1702	.1721	.1698	.1687	.1705	.1688	320.
335.	.1672	.1672	.1661	.1645	.1650	.1671	.1689	.1641		.1641	.1658	.1641	.1654	335.

TABLE IV. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	.0357	.0714	.1071	.1429	.1786	.2143	CP AT X/L = .2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -.50 DEG							
0.	.1657	.1663	.1462	.1508	.1574	.1552	.1547	.1560	.1562		.1513	.1521	.1499	.1530
25.		.1707	.1529	.1577	.1599	.1596	.1581	.1580	.1609	.1575	.1585	.1605	.1566	.1558
40.				.1633	.1614		.1607	.1602	.1627	.1601	.1593	.1626	.1600	.1592
55.	.1656	.1711	.1546	.1722	.1624	.1658	.1656	.1658	.1664	.1662	.1654	.1650	.1654	.1654
70.			.1736	.1829	.1838	.1846	.1828	.1816	.1840	.1830	.1829	.1798	.1838	.1822
80.				.2115	.2108	.2100	.2122	.2095	.2086	.2103	.2089	.2086	.2118	.2093
90.		.2409	.2265	.2341	.2268	.2342	.2322	.2346	.2334	.2355	.2346	.2308	.2303	.2321
100.				.2011	.1994	.2030	.2087	.2072	.2003	.2028	.2003	.2004	.2003	.1984
110.			.1636	.1680	.1688	.1721	.1686	.1676	.1685	.1686	.1715	.1700	.1703	.1689
125.	.1487	.1573	.1375	.1507	.1467	.1518	.1486	.1492	.1504	.1513	.1529	.1543	.1491	.1491
140.				.1441	.1440		.1459	.1458	.1483	.1446	.1417	.1418	.1424	.1425
155.		.1505	.1353	.1394	.1419	.1432	.1454	.1437	.1464	.1426	.1397	.1380	.1388	.1400
180.	.1504	.1512	.1334	.1364	.1432	.1428	.1420	.1435	.1456		.1414	.1404	.1388	.1406
205.		.1512	.1346	.1475	.1442	.1431	.1442	.1470	.1465	.1401	.1474	.1433	.1429	.1418
220.				.1528	.1510		.1485	.1496	.1516	.1486	.1496	.1482	.1479	.1476
235.	.1559	.1655	.1433	.1609	.1533	.1549	.1591	.1586	.1596	.1603	.1639	.1583	.1596	.1581
250.			.1784	.1863	.1835	.1854	.1869	.1851	.1879	.1864	.1881	.1808	.1878	.1855
260.				.2355	.2314	.2322	.2380	.2296	.2324	.2326	.2297	.2254	.2290	.2298
270.		.2747	.2622	.2671	.2639	.2668	.2648	.2671	.2665	.2680	.2694	.2645	.2644	.2648
280.				.2297	.2304	.2302	.2344	.2300	.2307	.2299	.2259	.2274	.2280	.2248
290.			.1893	.1910	.1914	.1938	.1931	.1887	.1917	.1901	.1912	.1884	.1907	.1901
305.	.1660	.1735	.1556	.1667	.1645	.1684	.1643	.1621	.1631	.1655	.1664	.1653	.1669	.1655
320.				.1625	.1579		.1555	.1556	.1574	.1551	.1548	.1536	.1550	.1547
335.			.1633	.1466	.1539	.1533	.1525	.1551	.1513	.1543	.1508	.1497	.1461	.1469	.1522
							FOR ALPHA = .50 DEG							
0.	.1519	.1515	.1330	.1348	.1420	.1417	.1419	.1397	.1414		.1375	.1357	.1338	.1367
25.		.1563	.1389	.1403	.1446	.1450	.1466	.1475	.1460	.1436	.1421	.1423	.1414	.1433
40.				.1454	.1456		.1471	.1475	.1471	.1445	.1441	.1468	.1436	.1458
55.	.1509	.1578	.1416	.1631	.1462	.1507	.1483	.1512	.1514	.1504	.1515	.1524	.1512	.1480
70.			.1604	.1692	.1664	.1671	.1666	.1685	.1666	.1668	.1681	.1644	.1682	.1669
80.				.2002	.1977	.1970	.1996	.1975	.1974	.1953	.1953	.1972	.1973	.1952
90.		.2388	.2258	.2346	.2279	.2321	.2307	.2342	.2344	.2334	.2350	.2317	.2292	.2309
100.				.2147	.2158	.2137	.2156	.2170	.2149	.2116	.2144	.2127	.2142	.2120
110.			.1805	.1827	.1869	.1845	.1819	.1862	.1877	.1831	.1861	.1810	.1835	.1841
125.	.1626	.1683	.1522	.1668	.1638	.1656	.1643	.1643	.1691	.1657	.1649	.1661	.1646	.1621
140.				.1613	.1592		.1606	.1584	.1649	.1583	.1559	.1629	.1584	.1565
155.		.1632	.1462	.1512	.1590	.1580	.1603	.1565	.1626	.1569	.1564	.1585	.1552	.1531
180.	.1645	.1631	.1426	.1497	.1579	.1578	.1569	.1577	.1590		.1553	.1548	.1537	.1546
205.		.1619	.1499	.1607	.1601	.1593	.1592	.1603	.1608	.1585	.1589	.1570	.1579	.1576
220.				.1696	.1638		.1613	.1653	.1660	.1642	.1620	.1631	.1628	.1639
235.	.1714	.1769	.1594	.1749	.1692	.1750	.1719	.1722	.1749	.1775	.1764	.1764	.1711	.1748
250.			.1950	.2027	.2004	.2034	.1999	.1999	.2021	.2046	.2061	.2007	.2001	.2042
260.				.2442	.2436	.2456	.2461	.2448	.2393	.2459	.2425	.2433	.2419	.2412
270.		.2746	.2591	.2661	.2618	.2659	.2647	.2663	.2657	.2687	.2634	.2638	.2629	.2627
280.				.2155	.2193	.2181	.2167	.2151	.2150	.2158	.2119	.2180	.2090	.2107
290.			.1733	.1733	.1750	.1765	.1763	.1685	.1751	.1733	.1755	.1684	.1721	.1725
305.	.1507	.1555	.1417	.1511	.1451	.1501	.1484	.1446	.1498	.1502	.1461	.1462	.1464	.1461
320.				.1434	.1419		.1406	.1397	.1428	.1402	.1437	.1335	.1375	.1363
335.		.1550	.1335	.1378	.1387	.1372	.1407	.1376	.1372	.1348	.1339	.1280	.1324	.1317
							FOR ALPHA = 1.50 DEG							
0.	.1373	.1382	.1200	.1184	.1256	.1278	.1280	.1257	.1284		.1242	.1230	.1214	.1250
25.		.1426	.1261	.1266	.1302	.1330	.1331	.1309	.1362	.1293	.1316	.1287	.1302	.1294
40.				.1297	.1334		.1317	.1333	.1354	.1334	.1314	.1323	.1320	.1314
55.	.1380	.1429	.1260	.1365	.1350	.1373	.1362	.1363	.1393	.1388	.1376	.1386	.1360	.1363
70.			.1448	.1525	.1526	.1546	.1520	.1519	.1542	.1530	.1535	.1515	.1521	.1532
80.				.1891	.1877	.1870	.1874	.1855	.1845	.1852	.1855	.1852	.1832	.1844
90.		.2373	.2276	.2330	.2263	.2326	.2290	.2330	.2322	.2345	.2328	.2296	.2310	.2311
100.				.2236	.2272	.2274	.2263	.2308	.2264	.2265	.2268	.2248	.2254	.2253
110.			.1937	.1973	.2011	.2003	.1993	.2037	.2034	.2015	.1973	.1994	.2007	.2017
125.	.1770	.1826	.1648	.1836	.1790	.1806	.1814	.1800	.1851	.1841	.1813	.1849	.1809	.1806
140.				.1779	.1770		.1742	.1732	.1782	.1745	.1736	.1753	.1743	.1738
155.		.1785	.1646	.1701	.1743	.1732	.1733	.1718	.1763	.1712	.1733	.1691	.1710	.1696
180.	.1802	.1789	.1600	.1687	.1726	.1739	.1723	.1723	.1762		.1720	.1690	.1681	.1708
205.		.1791	.1630	.1754	.1740	.1757	.1783	.1766	.1784	.1722	.1757	.1740	.1746	.1728
220.				.1846	.1807		.1826	.1802	.1831	.1797	.1803	.1785	.1807	.1773
235.	.1875	.1950	.1752	.1925	.1882	.1895	.1894	.1906	.1929	.1930	.1964	.1930	.1926	.1872
250.			.2184	.2167	.2193	.2199	.2189	.2153	.2200	.2186	.2214	.2166	.2186	.2196
260.				.2546	.2569	.2564	.2624	.2565	.2568	.2556	.2565	.2553	.2542	.2545
270.		.2712	.2636	.2660	.2603	.2646	.2611	.2650	.2636	.2678	.2645	.2644	.2620	.2615
280.				.2048	.2035	.2041	.2009	.2024	.1983	.2000	.1950	.2027	.1963	.1965
290.			.1543	.1561	.1548	.1580	.1536	.1565	.1588	.1580	.1544	.1566	.1542	.1572
305.	.1328	.1383	.1239	.1357	.1277	.1353	.1317	.1314	.1334	.1347	.1316	.1354	.1307	.1307
320.				.1277	.1273		.1256	.1255	.1264	.1251	.1293	.1249	.1248	.1244
335.		.1304	.1194	.1191	.1236	.1192	.1250	.1246	.1235	.1226	.1205	.1195	.1195	.1200

TABLE IV. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.50 DEG								
0.	.1531	.1542	.1534	.1537	.1522	.1519	.1539	.1505	.1502	.1493	.1498	.1508	.1495	0.
25.	.1580	.1572	.1577	.1581	.1567	.1564	.1606	.1565		.1541	.1540	.1580	.1553	25.
40.	.1609	.1606	.1605	.1588	.1598	.1572	.1595	.1600	.1592	.1582	.1574	.1569	.1547	40.
55.	.1650	.1682	.1662	.1671		.1670	.1661	.1676	.1664	.1662	.1636	.1633	.1587	55.
70.	.1863	.1808	.1846	.1857	.1859	.1844	.1856	.1838	.1851	.1844	.1806	.1822	.1812	70.
80.		.2117	.2079	.2108	.2107	.2111	.2108	.2121	.2097	.2094	.2052	.2091	.2036	80.
90.	.2332	.2343	.2322	.2353	.2320	.2309	.2333	.2311	.2319	.2313	.2317	.2288	.2268	90.
100.		.2033	.1991	.2013	.2031	.1989	.1998	.2005	.2011	.2036	.2001	.1990	.1916	100.
110.	.1712	.1708	.1701	.1715	.1721	.1667	.1672	.1656	.1711	.1747	.1721	.1676	.1663	110.
125.	.1493	.1527	.1487	.1491		.1506	.1491	.1509	.1491	.1469	.1463	.1454	.1408	125.
140.	.1468	.1463	.1428	.1412	.1419	.1437	.1417	.1425	.1427	.1383	.1360	.1362	.1366	140.
155.	.1439	.1437	.1395	.1396	.1390	.1393	.1408	.1375		.1359	.1344	.1377	.1346	155.
180.	.1395	.1407	.1383	.1386	.1385	.1380	.1391	.1361	.1347	.1337	.1345	.1326	.1305	180.
205.	.1488	.1427	.1434	.1425	.1411	.1406	.1430	.1409		.1381	.1375	.1392	.1350	205.
220.	.1512	.1476	.1481	.1460	.1462	.1441	.1479	.1445	.1418	.1467	.1434	.1420	.1394	220.
235.	.1577	.1593	.1573	.1597		.1594	.1588	.1575	.1556	.1576	.1558	.1547	.1504	235.
250.	.1899	.1840	.1916	.1865	.1818	.1886	.1898	.1852	.1867	.1918	.1853	.1900	.1852	250.
260.		.2336	.2308	.2291	.2286	.2303	.2306	.2297	.2292	.2342	.2258	.2323	.2218	260.
270.	.2660	.2686	.2689	.2719	.2670	.2646	.2658	.2664	.2658	.2690	.2670	.2646	.2593	270.
280.		.2306	.2268	.2301	.2307	.2323	.2297	.2331	.2300	.2313	.2276	.2301	.2227	280.
290.	.1927	.1923	.1916	.1950	.1943	.1917	.1920	.1908	.1939	.1957	.1912	.1965	.1914	290.
305.	.1627	.1687	.1658	.1649		.1657	.1654	.1668	.1665	.1683	.1649	.1650	.1595	305.
320.	.1577	.1568	.1553	.1550	.1547	.1561	.1542	.1561	.1561	.1545	.1521	.1517	.1514	320.
335.	.1532	.1516	.1531	.1529	.1489	.1517	.1545	.1488		.1470	.1472	.1503	.1488	335.
						FOR ALPHA = .50 DEG								
0.	.1389	.1401	.1387	.1385	.1385	.1374	.1390	.1367	.1355	.1371	.1371	.1344	.1347	0.
25.	.1450	.1449	.1443	.1424	.1419	.1440	.1450	.1414		.1408	.1412	.1420	.1394	25.
40.	.1470	.1463	.1454	.1443	.1445	.1464	.1481	.1444	.1443	.1414	.1429	.1421	.1386	40.
55.	.1495	.1550	.1508	.1515		.1534	.1531	.1512	.1496	.1497	.1507	.1466	.1427	55.
70.	.1697	.1689	.1728	.1697	.1702	.1667	.1705	.1680	.1682	.1692	.1664	.1682	.1631	70.
80.		.2005	.1975	.1965	.1965	.1973	.1998	.1970	.1954	.1959	.1913	.1960	.1892	80.
90.	.2318	.2356	.2333	.2369	.2327	.2288	.2321	.2312	.2289	.2309	.2320	.2297	.2268	90.
100.		.2177	.2103	.2168	.2130	.2118	.2153	.2166	.2131	.2170	.2100	.2105	.2027	100.
110.	.1885	.1887	.1853	.1896	.1869	.1836	.1837	.1863	.1847	.1859	.1857	.1854	.1787	110.
125.	.1667	.1683	.1650	.1646		.1662	.1622	.1675	.1622	.1622	.1651	.1636	.1556	125.
140.	.1613	.1592	.1558	.1572	.1573	.1592	.1553	.1591	.1560	.1541	.1517	.1542	.1497	140.
155.	.1568	.1568	.1551	.1533	.1549	.1533	.1555	.1513		.1513	.1488	.1538	.1475	155.
180.	.1530	.1564	.1541	.1535	.1526	.1520	.1521	.1523	.1500	.1490	.1487	.1492	.1463	180.
205.	.1602	.1594	.1557	.1589	.1558	.1568	.1591	.1542		.1509	.1533	.1547	.1513	205.
220.	.1671	.1656	.1620	.1638	.1636	.1599	.1621	.1607	.1610	.1598	.1582	.1581	.1553	220.
235.	.1736	.1792	.1749	.1741		.1731	.1758	.1735	.1733	.1723	.1705	.1691	.1680	235.
250.	.2080	.2019	.2057	.2044	.2054	.2029	.2033	.2021	.2039	.2052	.2040	.2015	.2033	250.
260.		.2439	.2454	.2442	.2447	.2419	.2425	.2428	.2454	.2497	.2418	.2410	.2385	260.
270.	.2638	.2686	.2668	.2714	.2680	.2640	.2661	.2647	.2657	.2677	.2682	.2642	.2608	270.
280.		.2167	.2130	.2157	.2166	.2196	.2145	.2190	.2160	.2180	.2108	.2161	.2099	280.
290.	.1769	.1778	.1770	.1753	.1758	.1761	.1747	.1765	.1781	.1763	.1748	.1763	.1744	290.
305.	.1497	.1551	.1469	.1495		.1509	.1498	.1506	.1502	.1531	.1464	.1494	.1430	305.
320.	.1432	.1412	.1402	.1405	.1396	.1428	.1406	.1383	.1397	.1398	.1358	.1382	.1359	320.
335.	.1365	.1375	.1368	.1372	.1374	.1394	.1367	.1345		.1333	.1320	.1355	.1341	335.
						FOR ALPHA = 1.50 DEG								
0.	.1238	.1277	.1255	.1255	.1230	.1251	.1237	.1233	.1207	.1221	.1223	.1224	.1215	0.
25.	.1310	.1310	.1287	.1300	.1306	.1309	.1299	.1291		.1254	.1266	.1296	.1278	25.
40.	.1324	.1334	.1300	.1313	.1323	.1324	.1310	.1333	.1292	.1298	.1280	.1295	.1275	40.
55.	.1374	.1410	.1354	.1382		.1367	.1375	.1376	.1369	.1356	.1349	.1343	.1296	55.
70.	.1560	.1535	.1543	.1580	.1528	.1539	.1537	.1540	.1555	.1535	.1509	.1519	.1504	70.
80.		.1837	.1828	.1839	.1856	.1845	.1851	.1863	.1839	.1821	.1797	.1814	.1769	80.
90.	.2293	.2333	.2310	.2353	.2335	.2275	.2314	.2308	.2291	.2315	.2299	.2273	.2261	90.
100.		.2273	.2230	.2265	.2241	.2253	.2309	.2292	.2278	.2237	.2255	.2231	.2178	100.
110.	.2026	.2004	.2018	.2052	.1995	.2011	.1994	.2011	.2028	.2011	.2041	.2024	.1976	110.
125.	.1829	.1854	.1806	.1839		.1806	.1785	.1813	.1782	.1796	.1826	.1801	.1737	125.
140.	.1742	.1778	.1739	.1738	.1733	.1728	.1716	.1738	.1710	.1717	.1682	.1705	.1672	140.
155.	.1728	.1758	.1720	.1712	.1709	.1696	.1711	.1698		.1660	.1641	.1680	.1640	155.
180.	.1711	.1729	.1708	.1692	.1674	.1683	.1684	.1671	.1666	.1656	.1647	.1658	.1618	180.
205.	.1792	.1750	.1755	.1720	.1726	.1736	.1740	.1713		.1711	.1676	.1714	.1681	205.
220.	.1828	.1813	.1798	.1789	.1805	.1803	.1789	.1789	.1754	.1768	.1767	.1759	.1713	220.
235.	.1915	.1963	.1909	.1930		.1957	.1906	.1922	.1896	.1912	.1873	.1882	.1826	235.
250.	.2252	.2236	.2244	.2247	.2192	.2188	.2223	.2210	.2201	.2251	.2196	.2246	.2169	250.
260.		.2639	.2579	.2616	.2571	.2567	.2551	.2577	.2563	.2585	.2527	.2570	.2525	260.
270.	.2629	.2645	.2645	.2705	.2675	.2635	.2654	.2635	.2638	.2656	.2671	.2638	.2577	270.
280.		.2009	.1970	.1984	.2017	.1994	.2034	.2047	.2034	.1991	.2006	.1986	.1954	280.
290.	.1569	.1584	.1615	.1585	.1605	.1585	.1601	.1598	.1611	.1588	.1588	.1576	.1553	290.
305.	.1316	.1376	.1317	.1331		.1351	.1337	.1336	.1340	.1323	.1345	.1337	.1286	305.
320.	.1252	.1282	.1236	.1258	.1221	.1258	.1272	.1240	.1261	.1239	.1228	.1233	.1216	320.
335.	.1221	.1238	.1209	.1221	.1210	.1230	.1227	.1200		.1187	.1176	.1206	.1200	335.

TABLE IV. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.50 DEG								
0.	.1245	.1240	.1063	.1055	.1116	.1160	.1142	.1142	.1150		.1117	.1111	.1109	.1128
25.		.1265	.1120	.1129	.1157	.1183	.1189	.1186	.1221	.1187	.1176	.1147	.1158	.1158
40.				.1169	.1173		.1200	.1195	.1221	.1200	.1181	.1172	.1168	.1172
55.	.1230	.1293	.1101	.1278	.1188	.1226	.1209	.1209	.1233	.1234	.1243	.1236	.1216	.1216
70.			.1291	.1345	.1357	.1378	.1365	.1343	.1351	.1360	.1372	.1354	.1378	.1371
80.				.1716	.1705	.1721	.1737	.1698	.1696	.1707	.1689	.1668	.1691	.1671
90.		.2348	.2242	.2271	.2214	.2291	.2260	.2280	.2304	.2317	.2274	.2271	.2283	.2280
100.				.2348	.2330	.2387	.2381	.2374	.2365	.2385	.2364	.2361	.2347	.2337
110.			.2057	.2153	.2133	.2179	.2141	.2140	.2125	.2161	.2147	.2125	.2136	.2174
125.	.1927	.1999	.1792	.1996	.1923	.1982	.1945	.1975	.1958	.2026	.1999	.1990	.1968	.1965
140.				.1915	.1899		.1910	.1908	.1901	.1919	.1907	.1900	.1861	.1894
155.		.1950	.1815	.1853	.1898	.1884	.1886	.1881	.1894	.1881	.1868	.1873	.1850	.1880
180.	.1970	.1917	.1730	.1854	.1886	.1894	.1886	.1883	.1902		.1873	.1866	.1829	.1879
205.		.1932	.1833	.1905	.1920	.1913	.1943	.1920	.1936	.1901	.1898	.1898	.1915	.1879
220.				.1987	.1955		.1997	.1984	.1989	.1969	.1946	.1959	.1964	.1956
235.	.2032	.2113	.1902	.2102	.2024	.2073	.2051	.2081	.2105	.2072	.2127	.2097	.2094	.2042
250.			.2327	.2352	.2339	.2365	.2335	.2338	.2351	.2340	.2398	.2345	.2377	.2385
260.				.2672	.2682	.2645	.2741	.2687	.2674	.2669	.2706	.2686	.2672	.2679
270.		.2706	.2611	.2638	.2585	.2607	.2600	.2623	.2625	.2643	.2662	.2615	.2625	.2589
280.				.1904	.1894	.1897	.1875	.1886	.1847	.1871	.1871	.1856	.1823	.1813
290.			.1373	.1403	.1405	.1389	.1376	.1393	.1425	.1389	.1436	.1388	.1389	.1407
305.	.1212	.1250	.1113	.1194	.1138	.1176	.1166	.1165	.1186	.1198	.1195	.1211	.1182	.1187
320.				.1133	.1105		.1103	.1131	.1154	.1104	.1134	.1120	.1130	.1108
335.		.1173	.1034	.1057	.1097	.1093	.1108	.1117	.1120	.1080	.1089	.1075	.1086	.1088
						FOR ALPHA = 3.50 DEG								
0.	.1098	.1116	.0927	.0942	.0979	.1019	.1023	.1017	.1032		.1005	.0998	.0981	.1000
25.		.1159	.0980	.0989	.1045	.1068	.1088	.1054	.1097	.1059	.1072	.1035	.1052	.1026
40.				.1021	.1059		.1069	.1070	.1083	.1057	.1069	.1060	.1060	.1043
55.	.1093	.1150	.0982	.1146	.1050	.1087	.1089	.1079	.1107	.1082	.1106	.1084	.1097	.1072
70.			.1155	.1182	.1187	.1196	.1224	.1194	.1214	.1189	.1224	.1180	.1212	.1232
80.				.1566	.1592	.1559	.1584	.1537	.1564	.1536	.1520	.1508	.1531	.1524
90.		.2319	.2225	.2255	.2236	.2253	.2229	.2244	.2259	.2298	.2274	.2235	.2250	.2234
100.				.2411	.2475	.2468	.2498	.2488	.2467	.2483	.2451	.2506	.2483	.2468
110.			.2248	.2270	.2312	.2334	.2298	.2292	.2334	.2326	.2309	.2294	.2334	.2397
125.	.2093	.2150	.1952	.2161	.2062	.2149	.2132	.2103	.2181	.2195	.2146	.2146	.2111	.2130
140.				.2072	.2069		.2114	.2060	.2102	.2094	.2067	.2060	.2057	.2070
155.		.2098	.2019	.2032	.2069	.2048	.2113	.2057	.2047	.2045	.2057	.2041	.2054	.2044
180.	.2131	.2087	.1885	.2006	.2061	.2036	.2063	.2068	.2086		.2047	.2044	.2022	.2071
205.		.2113	.2041	.2076	.2099	.2062	.2100	.2092	.2122	.2102	.2073	.2049	.2071	.2056
220.				.2183	.2144		.2130	.2177	.2182	.2177	.2128	.2116	.2129	.2102
235.	.2186	.2282	.2106	.2285	.2209	.2275	.2228	.2237	.2268	.2255	.2296	.2264	.2255	.2235
250.			.2495	.2526	.2516	.2556	.2518	.2493	.2521	.2473	.2516	.2524	.2563	.2561
260.				.2757	.2786	.2747	.2839	.2793	.2775	.2781	.2777	.2808	.2829	.2820
270.		.2660	.2569	.2604	.2557	.2572	.2555	.2605	.2614	.2620	.2619	.2591	.2564	.2586
280.				.1762	.1724	.1722	.1735	.1701	.1724	.1691	.1685	.1679	.1649	.1652
290.			.1182	.1222	.1203	.1203	.1214	.1219	.1229	.1217	.1243	.1205	.1215	.1224
305.	.1051	.1100	.0972	.1017	.0985	.1018	.1023	.1023	.1020	.1025	.1055	.1049	.1058	.1023
320.				.0977	.0972		.0981	.0992	.1001	.0972	.0980	.0993	.0986	.0974
335.		.1044	.0883	.0922	.0966	.0957	.0961	.0970	.0997	.0952	.0976	.0963	.0954	.0950
						FOR ALPHA = 5.50 DEG								
0.	.0851	.0864	.0712	.0733	.0737	.0795	.0810	.0797	.0820		.0791	.0781	.0773	.0799
25.		.0897	.0764	.0779	.0795	.0830	.0846	.0840	.0886	.0836	.0836	.0822	.0832	.0826
40.				.0778	.0815		.0829	.0848	.0865	.0852	.0824	.0826	.0833	.0823
55.	.0822	.0874	.0763	.0855	.0798	.0820	.0806	.0821	.0840	.0844	.0835	.0843	.0847	.0828
70.			.0820	.0876	.0873	.0898	.0861	.0863	.0896	.0881	.0873	.0879	.0892	.0908
80.				.1315	.1294	.1282	.1246	.1237	.1247	.1224	.1202	.1189	.1183	.1192
90.		.2241	.2132	.2173	.2132	.2173	.2141	.2173	.2166	.2188	.2158	.2133	.2135	.2130
100.				.2618	.2590	.2593	.2663	.2657	.2665	.2677	.2649	.2621	.2696	.2663
110.			.2537	.2600	.2578	.2618	.2589	.2602	.2613	.2616	.2599	.2554	.2634	.2588
125.	.2419	.2490	.2240	.2515	.2399	.2507	.2454	.2498	.2452	.2500	.2484	.2505	.2492	.2485
140.				.2476	.2424		.2403	.2430	.2444	.2440	.2421	.2421	.2419	.2426
155.		.2457	.2396	.2406	.2389	.2402	.2412	.2426	.2419	.2421	.2399	.2418	.2359	.2391
180.	.2502	.2449	.2265	.2411	.2417	.2387	.2387	.2377	.2451	.2462	.2392	.2400	.2372	.2420
205.		.2522	.2460	.2466	.2420	.2426	.2452	.2492	.2486	.2456	.2452	.2436	.2450	.2467
220.				.2571	.2509		.2501	.2535	.2554	.2500	.2542	.2527	.2504	.2515
235.	.2558	.2654	.2424	.2691	.2568	.2603	.2594	.2634	.2666	.2675	.2659	.2669	.2667	.2600
250.			.2819	.2881	.2856	.2833	.2873	.2880	.2872	.2868	.2902	.2868	.2908	.2836
260.				.3007	.3016	.2973	.3037	.3038	.3025	.3008	.3014	.3025	.3043	.3027
270.		.2612	.2471	.2516	.2482	.2501	.2502	.2535	.2518	.2543	.2538	.2487	.2496	.2495
280.				.1423	.1407	.1407	.1418	.1375	.1378	.1337	.1362	.1356	.1296	.1315
290.			.0763	.0841	.0848	.0852	.0868	.0835	.0869	.0855	.0914	.0875	.0857	.0898
305.	.0747	.0808	.0708	.0721	.0704	.0726	.0751	.0724	.0738	.0755	.0776	.0764	.0766	.0737
320.				.0703	.0726		.0724	.0729	.0759	.0743	.0748	.0731	.0732	.0721
335.		.0804	.0649	.0661	.0741	.0721	.0735	.0736	.0783	.0733	.0764	.0728	.0732	.0733

TABLE IV. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.	.1111	.1133	.1116	.1111	.1119	.1116	.1117	.1096	.1087	.1078	.1095	.1093	.1089	0.
25.	.1185	.1169	.1154	.1163	.1170	.1156	.1176	.1143		.1139	.1128	.1162	.1147	25.
40.	.1193	.1196	.1179	.1177	.1176	.1172	.1175	.1180	.1180	.1155	.1137	.1149	.1126	40.
55.	.1223	.1240	.1218	.1218		.1238	.1227	.1228	.1222	.1206	.1184	.1171	.1141	55.
70.	.1382	.1365	.1387	.1405	.1398	.1371	.1370	.1364	.1375	.1387	.1344	.1351	.1335	70.
80.		.1705	.1674	.1686	.1698	.1697	.1677	.1670	.1674	.1678	.1639	.1684	.1618	80.
90.	.2260	.2305	.2284	.2304	.2294	.2240	.2262	.2275	.2274	.2269	.2253	.2241	.2234	90.
100.		.2383	.2368	.2357	.2378	.2347	.2359	.2353	.2386	.2385	.2344	.2343	.2293	100.
110.	.2183	.2148	.2184	.2173	.2163	.2128	.2175	.2120	.2210	.2179	.2165	.2170	.2137	110.
125.	.1988	.2021	.1961	.1974		.1981	.1970	.1949	.1963	.1966	.1951	.1908	.1904	125.
140.	.1920	.1935	.1905	.1912	.1897	.1888	.1887	.1875	.1888	.1856	.1873	.1842	.1864	140.
155.	.1919	.1909	.1887	.1873	.1875	.1863	.1871	.1828		.1824	.1825	.1831	.1820	155.
180.	.1877	.1898	.1851	.1865	.1845	.1850	.1855	.1847	.1822	.1818	.1812	.1814	.1799	180.
205.	.1944	.1914	.1921	.1880	.1912	.1920	.1916	.1874		.1883	.1866	.1882	.1863	205.
220.	.2004	.1992	.1984	.1997	.1973	.1974	.1958	.1960	.1934	.1931	.1933	.1942	.1877	220.
235.	.2100	.2159	.2089	.2107		.2141	.2107	.2084	.2077	.2066	.2064	.2047	.1996	235.
250.	.2419	.2389	.2408	.2409	.2374	.2369	.2389	.2387	.2345	.2417	.2355	.2405	.2326	250.
260.		.2758	.2718	.2704	.2711	.2687	.2688	.2683	.2656	.2738	.2669	.2727	.2653	260.
270.	.2607	.2656	.2635	.2679	.2645	.2617	.2647	.2618	.2627	.2647	.2641	.2607	.2557	270.
280.		.1850	.1844	.1845	.1829	.1839	.1881	.1884	.1852	.1876	.1817	.1822	.1792	280.
290.	.1437	.1416	.1447	.1423	.1424	.1418	.1437	.1423	.1440	.1420	.1422	.1416	.1409	290.
305.	.1196	.1221	.1171	.1177		.1191	.1202	.1205	.1165	.1173	.1187	.1176	.1113	305.
320.	.1149	.1130	.1100	.1109	.1113	.1113	.1131	.1108	.1102	.1092	.1088	.1089	.1076	320.
335.	.1103	.1106	.1084	.1099	.1103	.1096	.1101	.1065		.1042	.1059	.1095	.1054	335.
						FOR ALPHA = 3.50 DEG								
0.	.0997	.1013	.0994	.0984	.0990	.0979	.0991	.0975	.0961	.0958	.0958	.0969	.0963	0.
25.	.1058	.1029	.1046	.1032	.1027	.1029	.1050	.1032		.1009	.1004	.1027	.1005	25.
40.	.1070	.1052	.1048	.1064	.1052	.1060	.1032	.1050	.1048	.1041	.1016	.1028	.0989	40.
55.	.1064	.1089	.1080	.1096		.1092	.1082	.1074	.1066	.1082	.1061	.1056	.1007	55.
70.	.1238	.1223	.1212	.1237	.1234	.1225	.1214	.1220	.1201	.1220	.1165	.1205	.1163	70.
80.		.1531	.1509	.1508	.1525	.1556	.1529	.1544	.1515	.1523	.1463	.1499	.1486	80.
90.	.2231	.2271	.2252	.2295	.2243	.2223	.2242	.2262	.2225	.2217	.2228	.2212	.2185	90.
100.		.2528	.2461	.2484	.2494	.2469	.2483	.2527	.2489	.2499	.2447	.2451	.2411	100.
110.	.2335	.2375	.2358	.2323	.2321	.2309	.2299	.2339	.2371	.2335	.2319	.2313	.2286	110.
125.	.2136	.2234	.2144	.2166		.2186	.2130	.2144	.2138	.2133	.2114	.2125	.2086	125.
140.	.2096	.2126	.2095	.2095	.2063	.2119	.2074	.2029	.2048	.2046	.2017	.2053	.2034	140.
155.	.2060	.2063	.2039	.2054	.2030	.2067	.2051	.2012		.2024	.1988	.2027	.1995	155.
180.	.2050	.2055	.2030	.2030	.2013	.2029	.2034	.2028	.1983	.2010	.2003	.1981	.1982	180.
205.	.2133	.2091	.2081	.2079	.2078	.2090	.2128	.2073		.2031	.2068	.2075	.2066	205.
220.	.2159	.2174	.2169	.2191	.2132	.2152	.2145	.2153	.2145	.2109	.2098	.2105	.2051	220.
235.	.2257	.2332	.2314	.2322		.2276	.2310	.2280	.2292	.2262	.2228	.2222	.2135	235.
250.	.2556	.2566	.2574	.2610	.2588	.2533	.2543	.2547	.2522	.2577	.2510	.2543	.2514	250.
260.		.2817	.2829	.2830	.2865	.2828	.2805	.2827	.2763	.2813	.2827	.2861	.2778	260.
270.	.2576	.2603	.2604	.2657	.2615	.2575	.2605	.2599	.2582	.2589	.2601	.2574	.2528	270.
280.		.1678	.1660	.1665	.1663	.1683	.1714	.1699	.1685	.1697	.1642	.1680	.1600	280.
290.	.1256	.1207	.1244	.1251	.1242	.1252	.1269	.1232	.1237	.1257	.1229	.1270	.1217	290.
305.	.1023	.1059	.1016	.1021		.1045	.1046	.1037	.1018	.1025	.1036	.1012	.0964	305.
320.	.0991	.0980	.0970	.0965	.0974	.0956	.0973	.0968	.0963	.0962	.0955	.0944	.0923	320.
335.	.0979	.0960	.0971	.0953	.0954	.0963	.0962	.0929		.0924	.0933	.0954	.0930	335.
						FOR ALPHA = 5.50 DEG								
0.	.0767	.0778	.0770	.0764	.0760	.0761	.0760	.0759	.0733	.0733	.0741	.0754	.0736	0.
25.	.0818	.0817	.0828	.0817	.0807	.0807	.0826	.0809		.0779	.0784	.0809	.0801	25.
40.	.0811	.0826	.0811	.0821	.0799	.0800	.0802	.0819	.0809	.0783	.0786	.0789	.0772	40.
55.	.0805	.0834	.0813	.0827		.0818	.0819	.0818	.0823	.0796	.0800	.0802	.0750	55.
70.	.0881	.0873	.0886	.0915	.0895	.0871	.0898	.0886	.0899	.0871	.0854	.0890	.0859	70.
80.		.1180	.1161	.1166	.1195	.1167	.1181	.1201	.1189	.1143	.1147	.1161	.1153	80.
90.	.2152	.2156	.2154	.2187	.2148	.2098	.2137	.2156	.2127	.2119	.2119	.2102	.2111	90.
100.		.2669	.2659	.2679	.2672	.2644	.2663	.2667	.2657	.2668	.2600	.2639	.2554	100.
110.	.2635	.2617	.2665	.2659	.2670	.2584	.2650	.2573	.2642	.2629	.2602	.2655	.2598	110.
125.	.2502	.2501	.2541	.2540		.2473	.2488	.2494	.2496	.2477	.2463	.2467	.2426	125.
140.	.2445	.2435	.2470	.2427	.2445	.2433	.2449	.2426	.2430	.2389	.2418	.2360	.2365	140.
155.	.2428	.2445	.2447	.2438	.2423	.2370	.2466	.2396		.2329	.2358	.2394	.2379	155.
180.	.2450	.2454	.2419	.2428	.2400	.2384	.2425	.2363	.2361	.2370	.2399	.2366	.2351	180.
205.	.2531	.2491	.2503	.2452	.2448	.2464	.2528	.2447		.2419	.2429	.2444	.2379	205.
220.	.2600	.2559	.2574	.2504	.2521	.2540	.2570	.2526	.2503	.2496	.2502	.2506	.2469	220.
235.	.2638	.2705	.2701	.2694		.2671	.2686	.2663	.2608	.2688	.2647	.2612	.2568	235.
250.	.2911	.2884	.2950	.2943	.2895	.2873	.2920	.2917	.2920	.2929	.2877	.2941	.2868	250.
260.		.3051	.3073	.3075	.3060	.3071	.3062	.3050	.3034	.3103	.3051	.3062	.2944	260.
270.	.2483	.2539	.2524	.2571	.2528	.2476	.2509	.2513	.2479	.2536	.2514	.2462	.2423	270.
280.		.1330	.1279	.1292	.1312	.1330	.1300	.1323	.1299	.1352	.1306	.1290	.1279	280.
290.	.0883	.0875	.0892	.0913	.0886	.0917	.0890	.0884	.0890	.0898	.0859	.0903	.0851	290.
305.	.0735	.0777	.0720	.0747		.0758	.0745	.0750	.0741	.0746	.0713	.0713	.0663	305.
320.	.0752	.0739	.0705	.0736	.0716	.0717	.0716	.0727	.0711	.0721	.0695	.0700	.0682	320.
335.	.0746	.0728	.0728	.0718	.0719	.0727	.0715	.0708		.0700	.0695	.0724	.0703	335.

TABLE IV. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 10.50 DEG							
0.	.0359	.0343	.0236	.0296	.0310	.0350	.0363	.0352	.0374		.0350	.0345	.0331	.0352
25.		.0397	.0264	.0226	.0325	.0392	.0389	.0389	.0422	.0375	.0396	.0380	.0381	.0382
40.				.0238	.0300		.0340	.0347	.0351	.0341	.0351	.0339	.0347	.0351
55.	.0273	.0346	.0146	.0155	.0136	.0159	.0188	.0204	.0214	.0231	.0251	.0262	.0257	.0241
70.			-.0006	.0013	-.0029	-.0049	-.0056	-.0088	-.0073	-.0058	-.0016	-.0039	-.0049	-.0016
80.				.0494	.0447	.0510	.0387	.0356	.0333	.0279	.0309	.0289	.0248	.0252
90.		.1978	.1939	.1880	.1851	.1886	.1844	.1841	.1868	.1879	.1877	.1831	.1830	.1811
100.				.3023	.3033	.2944	.3050	.3061	.3073	.3053	.3059	.3042	.3090	.3047
110.			.3384	.3453	.3391	.3388	.3390	.3416	.3492	.3470	.3429	.3394	.3453	.3393
125.	.3348	.3460	.3355	.3516	.3393	.3428	.3434	.3457	.3449	.3519	.3484	.3482	.3548	.3480
140.				.3521	.3459		.3470	.3502	.3480	.3482	.3487	.3483	.3519	.3508
155.		.3516	.3551	.3510	.3466	.3448	.3460	.3495	.3486	.3445	.3472	.3472	.3430	.3478
180.	.3573	.3493	.3375	.3552	.3509	.3427	.3457	.3500	.3566		.3482	.3492	.3454	.3524
205.		.3569	.3619	.3512	.3574	.3479	.3486	.3534	.3574	.3580	.3515	.3475	.3570	.3545
220.				.3576	.3629		.3525	.3583	.3656	.3615	.3604	.3627	.3643	.3646
235.	.3500	.3662	.3739	.3691	.3613	.3681	.3592	.3598	.3717	.3704	.3700	.3722	.3678	.3676
250.			.3651	.3745	.3744	.3735	.3728	.3755	.3781	.3790	.3719	.3729	.3725	.3775
260.				.3447	.3462	.3397	.3511	.3527	.3457	.3510	.3480	.3513	.3471	.3522
270.		.2330	.2296	.2256	.2200	.2260	.2209	.2222	.2249	.2268	.2245	.2223	.2185	.2175
280.				.0639	.0551	.0574	.0532	.0465	.0454	.0415	.0392	.0399	.0360	.0368
290.			-.0103	-.0110	-.0142	-.0146	-.0150	-.0179	-.0185	-.0176	-.0166	-.0159	-.0151	-.0132
305.	.0123	.0187	-.0004	.0009	-.0017	-.0011	.0021	.0033	.0021	.0065	.0091	.0084	.0092	.0084
320.				.0101	.0173		.0194	.0195	.0215	.0202	.0167	.0204	.0197	.0198
335.		.0273	.0124	.0132	.0231	.0234	.0259	.0265	.0310	.0256	.0206	.0260	.0242	.0253
							FOR ALPHA = 15.50 DEG							
0.	-.0039	.0016	-.0120	.0004	-.0002	.0023	.0011	.0017	.0028		.0037	.0037	.0021	.0003
25.		-.0114	-.0005	-.0047	.0020	.0020	.0019	.0035	.0107	.0065	.0106	.0096	.0105	.0063
40.				-.0175	-.0207		-.0002	-.0003	-.0056	-.0107	-.0090	-.0103	-.0099	-.0114
55.	-.0096	-.0139	-.0464	-.0545	-.0549	-.0614	-.0577	-.0592	-.0592	-.0603	-.0543	-.0555	-.0538	-.0532
70.			-.0578	-.0690	-.0680	-.0674	-.0648	-.0661	-.0682	-.0698	-.0660	-.0679	-.0692	-.0707
80.				-.0131	-.0189	-.0220	-.0247	-.0277	-.0311	-.0347	-.0317	-.0338	-.0371	-.0392
90.		.1691	.1662	.1586	.1560	.1616	.1557	.1530	.1582	.1613	.1622	.1564	.1558	.1536
100.				.3332	.3334	.3214	.3382	.3402	.3403	.3446	.3446	.3419	.3410	.3476
110.			.4204	.4299	.4242	.4236	.4181	.4213	.4270	.4286	.4286	.4258	.4305	.4298
125.	.4431	.4572	.4674	.4646	.4529	.4583	.4541	.4531	.4594	.4606	.4653	.4616	.4615	.4659
140.				.4723	.4709		.4661	.4714	.4769	.4702	.4690	.4706	.4691	.4683
155.		.4736	.4801	.4752	.4741	.4708	.4719	.4741	.4789	.4742	.4742	.4713	.4736	.4708
180.	.4882	.4762	.4679	.4794	.4760	.4742	.4712	.4793	.4842		.4752	.4772	.4782	.4795
205.		.4753	.4860	.4821	.4803	.4770	.4768	.4840	.4807	.4797	.4836	.4798	.4832	.4813
220.				.4846	.4773		.4764	.4834	.4900	.4812	.4801	.4873	.4835	.4840
235.	.4607	.4749	.4821	.4912	.4710	.4805	.4780	.4786	.4854	.4846	.4862	.4879	.4849	.4810
250.			.4575	.4651	.4594	.4606	.4548	.4620	.4620	.4634	.4623	.4638	.4674	.4656
260.				.3861	.3862	.3712	.3884	.3890	.3872	.3865	.3912	.3926	.3929	.3947
270.		.2051	.2037	.1960	.1934	.1991	.1906	.1921	.1964	.1989	.2004	.1961	.1937	.1922
280.				-.0070	-.0094	-.0122	-.0173	-.0187	-.0210	-.0266	-.0256	-.0265	-.0289	-.0306
290.			-.0750	-.0880	-.0934	-.0948	-.0943	-.0945	-.0958	-.0976	-.0941	-.0931	-.0964	-.0982
305.	-.0361	-.0346	-.0594	-.0674	-.0713	-.0745	-.0740	-.0755	-.0770	-.0781	-.0752	-.0742	-.0733	-.0734
320.				-.0530	-.0374		-.0578	-.0541	-.0528	-.0488	-.0441	-.0421	-.0386	-.0389
335.		-.0398	-.0528	-.0450	-.0318	-.0225	-.0151	-.0113	-.0044	-.0107	-.0069	-.0119	-.0092	-.0105
							FOR ALPHA = 20.50 DEG							
0.	-.0327	-.0302	-.0452	-.0331	-.0262	-.0248	-.0256	-.0264	-.0262		-.0236	-.0235	-.0243	-.0229
25.		-.0604	-.0447	-.0504	-.0364	-.0316	-.0263	-.0250	-.0189	-.0263	-.0207	-.0269	-.0219	-.0213
40.				-.0994	-.1033		-.1127	-.1123	-.1121	-.1128	-.1081	-.1043	-.1116	-.1111
55.	-.0589	-.0726	-.0991	-.0948	-.1017	-.1025	-.0993	-.1012	-.1029	-.1036	-.0986	-.1025	-.0992	-.0994
70.			-.0962	-.1019	-.1026	-.1029	-.1012	-.1021	-.1047	-.1050	-.0996	-.1006	-.1005	-.1004
80.				-.0567	-.0631	-.0610	-.0609	-.0633	-.0683	-.0711	-.0687	-.0705	-.0735	-.0755
90.		.1433	.1306	.1305	.1258	.1344	.1290	.1269	.1265	.1330	.1317	.1304	.1298	.1275
100.				.3648	.3669	.3452	.3684	.3690	.3655	.3704	.3763	.3752	.3764	.3734
110.			.5123	.5114	.5128	.5098	.5037	.5070	.5114	.5099	.5191	.5195	.5157	.5200
125.	.5542	.5749	.5857	.5865	.5743	.5771	.5827	.5724	.5856	.5783	.5917	.5896	.5857	.5874
140.				.6032	.6007		.6046	.5994	.6097	.5989	.6048	.6054	.6139	.6057
155.		.6080	.6160	.6104	.6122	.6145	.6188	.6128	.6173	.6075	.6195	.6125	.6219	.6148
180.	.6303	.6208	.6133	.6188	.6176	.6216	.6195	.6217	.6307		.6224	.6214	.6287	.6319
205.		.6223	.6189	.6189	.6224	.6275	.6197	.6208	.6258	.6218	.6317	.6251	.6327	.6326
220.				.6216	.6224		.6198	.6202	.6319	.6246	.6285	.6269	.6266	.6307
235.	.5824	.5947	.6081	.6070	.6010	.6108	.6120	.6078	.6112	.6154	.6141	.6160	.6125	.6141
250.			.5480	.5506	.5600	.5589	.5551	.5597	.5532	.5574	.5604	.5590	.5642	.5629
260.				.4176	.4209	.4055	.4209	.4246	.4225	.4207	.4297	.4300	.4238	.4340
270.		.1805	.1671	.1696	.1666	.1703	.1667	.1667	.1677	.1686	.1683	.1696	.1710	.1661
280.				-.0526	-.0560	-.0571	-.0558	-.0577	-.0627	-.0672	-.0651	-.0663	-.0704	-.0726
290.			-.1264	-.1248	-.1297	-.1307	-.1275	-.1277	-.1294	-.1295	-.1242	-.1248	-.1241	-.1239
305.	-.0830	-.0905	-.1176	-.1152	-.1176	-.1190	-.1160	-.1180	-.1198	-.1215	-.1162	-.1161	-.1162	-.1169
320.				-.1103	-.1236		-.1261	-.1262	-.1264	-.1272	-.1214	-.1222	-.1229	-.1236
335.		-.1043	-.1101	-.1111	-.1075	-.1024	-.1004	-.0941	-.0815	-.0874	-.0817	-.0813	-.0824	-.0809

TABLE IV. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.50 DEG								
0.	.0314	.0321	.0308	.0315	.0312	.0312	.0314	.0308	.0292	.0286	.0292	.0290	.0283	0.
25.	.0362	.0363	.0361	.0351	.0358	.0364	.0361	.0356		.0327	.0329	.0347	.0336	25.
40.	.0331	.0326	.0305	.0319	.0328	.0311	.0311	.0308	.0310	.0293	.0292	.0283	.0269	40.
55.	.0207	.0235	.0202	.0227		.0210	.0212	.0206	.0205	.0187	.0165	.0164	.0148	55.
70.	-.0032	-.0060	-.0029	-.0028	-.0014	-.0021	-.0004	-.0034	-.0017	-.0040	-.0033	-.0009	-.0017	70.
80.		.0173	.0128	.0116	.0116	.0129	.0098	.0102	.0123	.0106	.0097	.0108	.0107	80.
90.	.1814	.1827	.1801	.1844	.1818	.1759	.1777	.1792	.1741	.1743	.1774	.1783	.1763	90.
100.		.3118	.3112	.3098	.3075	.3089	.3128	.3139	.3080	.3051	.2986	.3062	.3004	100.
110.	.3461	.3438	.3479	.3470	.3435	.3414	.3457	.3423	.3469	.3428	.3383	.3467	.3361	110.
125.	.3475	.3558	.3524	.3509		.3516	.3528	.3479	.3496	.3531	.3498	.3523	.3433	125.
140.	.3557	.3563	.3564	.3501	.3523	.3487	.3502	.3464	.3448	.3462	.3467	.3422	.3453	140.
155.	.3522	.3511	.3609	.3546	.3467	.3493	.3542	.3442		.3438	.3454	.3447	.3430	155.
180.	.3547	.3579	.3565	.3564	.3497	.3515	.3518	.3482	.3454	.3436	.3468	.3451	.3431	180.
205.	.3636	.3616	.3585	.3592	.3550	.3618	.3564	.3571		.3476	.3510	.3552	.3504	205.
220.	.3654	.3677	.3613	.3681	.3620	.3594	.3617	.3621	.3633	.3555	.3530	.3616	.3547	220.
235.	.3677	.3818	.3652	.3777		.3677	.3700	.3724	.3707	.3738	.3716	.3716	.3665	235.
250.	.3790	.3754	.3793	.3818	.3843	.3744	.3716	.3796	.3811	.3819	.3769	.3760	.3722	250.
260.		.3518	.3522	.3573	.3560	.3540	.3525	.3562	.3558	.3517	.3460	.3427	.3445	260.
270.	.2201	.2235	.2214	.2220	.2216	.2168	.2176	.2203	.2178	.2144	.2134	.2116	.2138	270.
280.		.0315	.0250	.0257	.0257	.0277	.0256	.0250	.0261	.0229	.0224	.0233	.0227	280.
290.	-.0193	-.0178	-.0162	-.0138	-.0140	-.0139	-.0130	-.0184	-.0129	-.0154	-.0196	-.0142	-.0158	290.
305.	.0025	.0058	.0038	.0066		.0065	.0044	.0052	.0048	.0032	.0021	.0016	-.0002	305.
320.	.0163	.0172	.0164	.0181	.0172	.0175	.0177	.0178	.0169	.0146	.0144	.0122	.0126	320.
335.	.0231	.0216	.0228	.0231	.0222	.0230	.0233	.0228		.0201	.0192	.0216	.0204	335.
						FOR ALPHA = 15.50 DEG								
0.	-.0021	-.0005	-.0018	-.0020	-.0021	-.0018	-.0010	-.0021	-.0035	-.0040	-.0027	-.0025	-.0036	0.
25.	.0065	.0058	.0056	.0052	.0065	.0063	.0078	.0054		.0025	.0027	.0039	.0028	25.
40.	-.0155	-.0179	-.0195	-.0181	-.0160	-.0208	-.0210	-.0213	-.0210	-.0238	-.0242	-.0222	-.0259	40.
55.	-.0562	-.0562	-.0546	-.0529		-.0491	-.0478	-.0467	-.0475	-.0445	-.0432	-.0419	-.0439	55.
70.	-.0809	-.0835	-.0850	-.0879	-.0903	-.0918	-.0934	-.0948	-.0979	-.1028	-.1045	-.1045	-.1063	70.
80.		-.0480	-.0512	-.0524	-.0559	-.0511	-.0511	-.0495	-.0506	-.0540	-.0566	-.0567	-.0580	80.
90.	.1548	.1550	.1511	.1541	.1508	.1467	.1479	.1555	.1530	.1523	.1504	.1489	.1483	90.
100.		.3477	.3509	.3506	.3473	.3427	.3409	.3421	.3444	.3449	.3422	.3480	.3399	100.
110.	.4363	.4277	.4334	.4371	.4343	.4318	.4283	.4239	.4220	.4302	.4259	.4316	.4308	110.
125.	.4680	.4722	.4610	.4708		.4611	.4698	.4695	.4625	.4616	.4576	.4551	.4472	125.
140.	.4793	.4795	.4782	.4775	.4751	.4713	.4716	.4764	.4715	.4697	.4681	.4686	.4581	140.
155.	.4828	.4776	.4805	.4831	.4800	.4776	.4780	.4756		.4693	.4744	.4801	.4678	155.
180.	.4796	.4857	.4803	.4806	.4791	.4794	.4810	.4784	.4737	.4726	.4759	.4741	.4699	180.
205.	.4883	.4881	.4864	.4842	.4854	.4830	.4911	.4765		.4727	.4795	.4855	.4740	205.
220.	.4906	.4928	.4917	.4911	.4889	.4830	.4894	.4848	.4848	.4880	.4815	.4841	.4773	220.
235.	.4870	.4933	.4886	.4885		.4826	.4880	.4947	.4860	.4835	.4856	.4768	.4665	235.
250.	.4720	.4649	.4744	.4711	.4698	.4684	.4703	.4716	.4660	.4643	.4624	.4681	.4602	250.
260.		.3989	.3978	.4043	.3958	.3933	.3954	.3936	.3866	.3899	.3925	.3932	.3851	260.
270.	.1919	.1925	.1928	.1961	.1931	.1867	.1863	.1917	.1864	.1860	.1865	.1873	.1874	270.
280.		-.0407	-.0426	-.0445	-.0441	-.0430	-.0438	-.0433	-.0452	-.0511	-.0509	-.0482	-.0518	280.
290.	-.1089	-.1100	-.1090	-.1082	-.1097	-.1090	-.1088	-.1085	-.1097	-.1150	-.1136	-.1113	-.1125	290.
305.	-.0809	-.0786	-.0757	-.0745		-.0706	-.0667	-.0663	-.0656	-.0680	-.0670	-.0673	-.0698	305.
320.	-.0481	-.0465	-.0460	-.0480	-.0479	-.0477	-.0448	-.0412	-.0417	-.0434	-.0433	-.0432	-.0433	320.
335.	-.0152	-.0160	-.0172	-.0182	-.0184	-.0186	-.0165	-.0191		-.0217	-.0205	-.0198	-.0214	335.
						FOR ALPHA = 20.50 DEG								
0.	-.0294	-.0280	-.0288	-.0280	-.0280	-.0281	-.0277	-.0283	-.0304	-.0308	-.0298	-.0293	-.0302	0.
25.	-.0260	-.0260	-.0264	-.0257	-.0259	-.0261	-.0230	-.0233		-.0239	-.0238	-.0229	-.0234	25.
40.	-.1247	-.1266	-.1276	-.1260	-.1259	-.1272	-.1282	-.1266	-.1275	-.1324	-.1332	-.1346	-.1362	40.
55.	-.1107	-.1109	-.1114	-.1105		-.1081	-.1068	-.1064	-.1060	-.1084	-.1077	-.1076	-.1093	55.
70.	-.1114	-.1122	-.1120	-.1112	-.1110	-.1098	-.1100	-.1093	-.1105	-.1143	-.1149	-.1156	-.1174	70.
80.		-.0881	-.0897	-.0901	-.0912	-.0888	-.0903	-.0896	-.0905	-.0957	-.0977	-.0975	-.0983	80.
90.	.1263	.1269	.1249	.1296	.1316	.1268	.1256	.1289	.1290	.1273	.1251	.1221	.1224	90.
100.		.3770	.3773	.3802	.3819	.3779	.3795	.3807	.3788	.3810	.3798	.3746	.3778	100.
110.	.5184	.5216	.5197	.5222	.5159	.5227	.5201	.5275	.5171	.5261	.5157	.5220	.5172	110.
125.	.5915	.5953	.5820	.5884		.5857	.5839	.5945	.5856	.5848	.5814	.5892	.5683	125.
140.	.6229	.6200	.6128	.6142	.6120	.6131	.6092	.6109	.6014	.6078	.6038	.6175	.5975	140.
155.	.6297	.6250	.6249	.6224	.6213	.6215	.6210	.6140		.6124	.6113	.6223	.6053	155.
180.	.6303	.6320	.6304	.6283	.6303	.6258	.6268	.6225	.6227	.6178	.6194	.6212	.6159	180.
205.	.6373	.6359	.6284	.6335	.6341	.6345	.6357	.6303		.6212	.6176	.6358	.6258	205.
220.	.6362	.6311	.6309	.6325	.6353	.6230	.6250	.6303	.6268	.6297	.6232	.6281	.6249	220.
235.	.6206	.6277	.6157	.6269		.6148	.6151	.6268	.6219	.6234	.6229	.6122	.6056	235.
250.	.5645	.5603	.5615	.5696	.5658	.5654	.5681	.5679	.5740	.5650	.5598	.5621	.5564	250.
260.		.4361	.4410	.4394	.4348	.4357	.4413	.4343	.4324	.4375	.4346	.4338	.4295	260.
270.	.1661	.1675	.1672	.1689	.1672	.1628	.1639	.1714	.1656	.1652	.1668	.1655	.1634	270.
280.		-.0840	-.0861	-.0870	-.0909	-.0871	-.0881	-.0857	-.0882	-.0944	-.0949	-.0939	-.0951	280.
290.	-.1352	-.1356	-.1352	-.1353	-.1353	-.1335	-.1334	-.1319	-.1337	-.1381	-.1388	-.1386	-.1416	290.
305.	-.1295	-.1286	-.1286	-.1284		-.1277	-.1263	-.1257	-.1265	-.1293	-.1289	-.1280	-.1298	305.
320.	-.1352	-.1352	-.1354	-.1342	-.1339	-.1352	-.1359	-.1356	-.1367	-.1410	-.1403	-.1403	-.1414	320.
335.	-.0874	-.0899	-.0871	-.0844	-.0856	-.0889	-.0839	-.0844		-.0871	-.0859	-.0843	-.0810	335.

TABLE IV. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -4.49 DEG							
0.	.2354	.2273	.2117	.2234	.2233	.2236	.2211	.2206	.2231		.2183	.2168	.2142	.2189
25.		.2282	.2134	.2206	.2245	.2203	.2213	.2197	.2175	.2146	.2179	.2137	.2141	.2139
40.				.2214	.2135		.2204	.2156	.2173	.2164	.2145	.2123	.2146	.2126
55.	.2164	.2258	.2080	.2243	.2126	.2224	.2175	.2146	.2160	.2162	.2162	.2166	.2162	.2155
70.			.2096	.2212	.2177	.2231	.2199	.2183	.2206	.2184	.2215	.2201	.2197	.2196
80.				.2134	.2187	.2153	.2219	.2213	.2188	.2198	.2197	.2200	.2183	.2183
90.		.1991	.1835	.1906	.1874	.1890	.1881	.1887	.1865	.1896	.1874	.1859	.1847	.1810
100.				.1276	.1256	.1239	.1265	.1260	.1234	.1226	.1198	.1209	.1197	.1176
110.			.0929	.0972	.0924	.0935	.0970	.0957	.0957	.0947	.0990	.0957	.0961	.0954
125.	.0904	.0987	.0622	.0926	.0845	.0883	.0890	.0894	.0899	.0881	.0907	.0915	.0900	.0881
140.				.0875	.0888		.0902	.0909	.0887	.0867	.0884	.0902	.0887	.0872
155.		.1018	.0838	.0854	.0867	.0898	.0925	.0906	.0916	.0876	.0887	.0889	.0878	.0852
180.	.0957	.0971	.0832	.0855	.0879	.0884	.0905	.0912	.0910		.0862	.0868	.0872	.0846
205.		.0948	.0802	.0858	.0883	.0871	.0894	.0892	.0927	.0885	.0889	.0854	.0895	.0838
220.				.0918	.0908		.0884	.0903	.0928	.0906	.0891	.0895	.0918	.0858
235.	.0985	.1014	.0876	.0949	.0935	.0966	.0977	.0954	.0954	.0956	.0945	.0954	.0944	.0954
250.			.1210	.1233	.1237	.1242	.1247	.1258	.1272	.1225	.1228	.1188	.1235	.1217
260.				.2009	.1978	.1973	.1946	.1952	.1937	.1934	.1884	.1874	.1906	.1895
270.		.3097	.2957	.3034	.2981	.3009	.3002	.3025	.3034	.3061	.3037	.2996	.3000	.2983
280.				.3161	.3174	.3205	.3179	.3176	.3155	.3170	.3173	.3106	.3119	.3114
290.			.2877	.2866	.2841	.2881	.2843	.2852	.2856	.2825	.2834	.2787	.2816	.2846
305.	.2471	.2540	.2421	.2513	.2402	.2530	.2472	.2502	.2540	.2567	.2487	.2480	.2461	.2457
320.				.2364	.2350		.2321	.2362	.2362	.2345	.2305	.2312	.2300	.2284
335.		.2308	.2221	.2267	.2302	.2246	.2282	.2225	.2213	.2252	.2223	.2196	.2216	.2233
							FOR ALPHA = -2.50 DEG							
0.	.1971	.1917	.1766	.1847	.1870	.1863	.1873	.1875	.1878		.1837	.1830	.1812	.1827
25.		.1956	.1753	.1835	.1896	.1867	.1880	.1876	.1855	.1831	.1831	.1832	.1842	.1828
40.				.1851	.1880		.1865	.1865	.1860	.1813	.1826	.1842	.1829	.1813
55.	.1837	.1943	.1768	.1855	.1829	.1926	.1856	.1865	.1880	.1863	.1857	.1858	.1844	.1838
70.			.1834	.1957	.2021	.1937	.1948	.1953	.1949	.1922	.1935	.1905	.1945	.1940
80.				.2038	.2039	.2002	.2068	.2046	.2027	.2032	.2017	.2026	.2063	.2011
90.		.2038	.1926	.1979	.1937	.1971	.1952	.1969	.1957	.1992	.1974	.1947	.1921	.1914
100.				.1535	.1540	.1527	.1557	.1550	.1528	.1523	.1508	.1511	.1467	.1494
110.			.1193	.1260	.1261	.1260	.1277	.1260	.1283	.1264	.1280	.1246	.1230	.1264
125.	.1167	.1231	.1062	.1162	.1126	.1161	.1179	.1149	.1175	.1155	.1160	.1212	.1141	.1145
140.				.1071	.1140		.1171	.1149	.1160	.1122	.1127	.1174	.1133	.1110
155.		.1264	.1056	.1055	.1124	.1169	.1171	.1143	.1166	.1121	.1137	.1146	.1125	.1087
180.	.1219	.1210	.1057	.1079	.1132	.1140	.1155	.1133	.1160		.1123	.1105	.1109	.1109
205.		.1210	.1045	.1130	.1152	.1145	.1173	.1179	.1191	.1156	.1150	.1113	.1121	.1126
220.				.1194	.1192		.1187	.1209	.1213	.1200	.1192	.1181	.1183	.1167
235.	.1322	.1349	.1227	.1305	.1249	.1312	.1290	.1279	.1287	.1322	.1312	.1325	.1283	.1295
250.			.1653	.1633	.1603	.1643	.1643	.1620	.1645	.1645	.1633	.1612	.1588	.1653
260.				.2322	.2297	.2352	.2337	.2317	.2260	.2324	.2258	.2296	.2246	.2249
270.		.3158	.3072	.3097	.3021	.3066	.3069	.3101	.3065	.3118	.3109	.3079	.3048	.3009
280.				.2911	.2914	.2911	.2959	.2942	.2910	.2893	.2890	.2899	.2857	.2840
290.			.2496	.2480	.2503	.2507	.2473	.2491	.2479	.2441	.2465	.2440	.2395	.2434
305.	.2119	.2179	.2011	.2154	.2089	.2131	.2105	.2111	.2124	.2117	.2107	.2116	.2095	.2055
320.				.2021	.1977		.1963	.1969	.2014	.1959	.1922	.1944	.1928	.1919
335.		.1946	.1864	.1884	.1886	.1882	.1901	.1887	.1907	.1868	.1869	.1834	.1840	.1834
							FOR ALPHA = -1.50 DEG							
0.	.1806	.1734	.1603	.1670	.1704	.1702	.1702	.1695	.1719		.1679	.1661	.1651	.1672
25.		.1802	.1614	.1650	.1715	.1727	.1721	.1701	.1721	.1694	.1670	.1676	.1677	.1694
40.				.1626	.1753		.1711	.1710	.1721	.1691	.1672	.1688	.1686	.1693
55.	.1699	.1781	.1615	.1706	.1686	.1804	.1697	.1712	.1722	.1734	.1703	.1717	.1700	.1714
70.			.1730	.1814	.1930	.1823	.1801	.1820	.1814	.1810	.1801	.1783	.1811	.1793
80.				.1933	.1940	.1936	.1959	.1957	.1929	.1947	.1933	.1939	.1931	.1963
90.		.2038	.1916	.2008	.1931	.1991	.1962	.1981	.1981	.2010	.2011	.1969	.1967	.1957
100.				.1665	.1646	.1670	.1683	.1633	.1669	.1656	.1623	.1654	.1632	.1640
110.			.1332	.1415	.1369	.1424	.1395	.1400	.1429	.1424	.1405	.1370	.1401	.1436
125.	.1295	.1370	.1193	.1302	.1236	.1301	.1289	.1298	.1295	.1309	.1299	.1270	.1289	.1275
140.				.1223	.1283		.1269	.1290	.1258	.1265	.1241	.1239	.1246	.1242
155.		.1381	.1165	.1203	.1297	.1287	.1284	.1272	.1284	.1253	.1250	.1232	.1223	.1228
180.	.1340	.1325	.1169	.1231	.1274	.1256	.1274	.1273	.1291		.1246	.1246	.1207	.1229
205.		.1342	.1188	.1315	.1293	.1308	.1301	.1308	.1335	.1287	.1288	.1255	.1270	.1246
220.				.1371	.1343		.1332	.1344	.1374	.1321	.1331	.1405	.1345	.1326
235.	.1493	.1520	.1398	.1480	.1435	.1464	.1444	.1440	.1477	.1455	.1476	.1496	.1489	.1452
250.			.1807	.1820	.1816	.1788	.1806	.1824	.1861	.1821	.1834	.1804	.1836	.1826
260.				.2498	.2493	.2453	.2471	.2490	.2468	.2435	.2425	.2443	.2424	.2389
270.		.3178	.3084	.3106	.3054	.3089	.3084	.3104	.3102	.3115	.3146	.3059	.3073	.3057
280.				.2749	.2783	.2796	.2816	.2771	.2752	.2724	.2727	.2723	.2707	.2707
290.			.2279	.2276	.2300	.2285	.2278	.2265	.2270	.2283	.2249	.2224	.2254	.2258
305.	.1932	.1993	.1823	.1962	.1878	.1928	.1876	.1889	.1936	.1941	.1923	.1911	.1901	.1860
320.				.1854	.1783		.1791	.1770	.1816	.1759	.1741	.1744	.1737	.1751
335.		.1776	.1642	.1746	.1714	.1703	.1704	.1719	.1714	.1685	.1658	.1635	.1670	.1678

TABLE IV. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.49 DEG								
0.	.2190	.2201	.2186	.2172	.2181	.2189	.2195	.2185	.2151	.2169	.2158	.2136	.2156	0.
25.	.2209	.2205	.2212	.2205	.2193	.2213	.2214	.2169		.2176	.2138	.2177	.2167	25.
40.	.2209	.2229	.2188	.2188	.2177	.2180	.2184	.2145	.2142	.2170	.2136	.2132	.2103	40.
55.	.2168	.2234	.2168	.2190		.2213	.2169	.2174	.2187	.2174	.2132	.2136	.2076	55.
70.	.2221	.2214	.2245	.2217	.2218	.2229	.2213	.2193	.2214	.2234	.2209	.2236	.2250	70.
80.		.2240	.2195	.2194	.2219	.2214	.2205	.2206	.2203	.2244	.2259	.2248	.2206	80.
90.	.1837	.1869	.1866	.1886	.1865	.1820	.1838	.1858	.1871	.1888	.1887	.1855	.1835	90.
100.		.1201	.1191	.1118	.1133	.1192	.1165	.1172	.1199	.1237	.1187	.1179	.1137	100.
110.	.0941	.0960	.0984	.0955	.0940	.0940	.0950	.0920	.0906	.0962	.0973	.0964	.0908	110.
125.	.0850	.0907	.0897	.0884		.0873	.0883	.0843	.0840	.0849	.0831	.0827	.0799	125.
140.	.0889	.0881	.0867	.0865	.0848	.0860	.0863	.0847	.0844	.0834	.0816	.0809	.0773	140.
155.	.0883	.0885	.0870	.0858	.0840	.0857	.0884	.0839		.0814	.0827	.0820	.0801	155.
180.	.0860	.0883	.0853	.0838	.0836	.0830	.0839	.0818	.0791	.0794	.0795	.0790	.0782	180.
205.	.0868	.0874	.0854	.0855	.0832	.0842	.0864	.0818		.0773	.0784	.0812	.0782	205.
220.	.0901	.0895	.0876	.0869	.0850	.0866	.0852	.0849	.0834	.0828	.0816	.0800	.0772	220.
235.	.0949	.0992	.0984	.0981		.0936	.0948	.0942	.0922	.0926	.0930	.0912	.0835	235.
250.	.1240	.1249	.1272	.1287	.1253	.1254	.1268	.1229	.1225	.1214	.1216	.1257	.1238	250.
260.		.1835	.1870	.1839	.1857	.1873	.1915	.1915	.1848	.1866	.1813	.1876	.1811	260.
270.	.2966	.3016	.3022	.3033	.3019	.2946	.2997	.3001	.2985	.2987	.2983	.2969	.2961	270.
280.		.3140	.3144	.3124	.3190	.3172	.3176	.3170	.3119	.3153	.3112	.3155	.3147	280.
290.	.2822	.2829	.2806	.2766	.2860	.2819	.2855	.2852	.2905	.2837	.2809	.2841	.2840	290.
305.	.2495	.2472	.2446	.2480		.2479	.2506	.2474	.2506	.2510	.2501	.2481	.2402	305.
320.	.2338	.2320	.2301	.2341	.2285	.2326	.2289	.2260	.2338	.2302	.2295	.2311	.2304	320.
335.	.2237	.2215	.2202	.2222	.2234	.2189	.2231	.2206		.2178	.2202	.2209	.2203	335.
						FOR ALPHA = -2.50 DEG								
0.	.1833	.1869	.1833	.1822	.1826	.1834	.1828	.1813	.1809	.1814	.1830	.1811	.1808	0.
25.	.1874	.1864	.1851	.1842	.1834	.1855	.1899	.1818		.1814	.1821	.1832	.1791	25.
40.	.1869	.1864	.1855	.1850	.1838	.1848	.1860	.1819	.1830	.1818	.1822	.1818	.1776	40.
55.	.1843	.1903	.1891	.1860		.1875	.1880	.1867	.1834	.1854	.1852	.1820	.1756	55.
70.	.1957	.1950	.1986	.1956	.1954	.1942	.1956	.1942	.1937	.1958	.1924	.1948	.1947	70.
80.		.2069	.2048	.2042	.2023	.2047	.2044	.2048	.2036	.2050	.2053	.2087	.2046	80.
90.	.1948	.1976	.1949	.1975	.1938	.1920	.1916	.1927	.1961	.1969	.1981	.1958	.1924	90.
100.		.1535	.1480	.1494	.1482	.1504	.1468	.1469	.1502	.1547	.1498	.1470	.1483	100.
110.	.1266	.1254	.1274	.1284	.1265	.1259	.1235	.1228	.1216	.1252	.1259	.1276	.1244	110.
125.	.1137	.1163	.1093	.1138		.1171	.1146	.1137	.1115	.1128	.1093	.1084	.1054	125.
140.	.1133	.1128	.1086	.1101	.1108	.1127	.1118	.1108	.1089	.1093	.1060	.1073	.1034	140.
155.	.1111	.1128	.1110	.1098	.1099	.1102	.1083	.1082		.1076	.1064	.1086	.1051	155.
180.	.1100	.1110	.1098	.1098	.1085	.1084	.1068	.1067	.1051	.1050	.1049	.1040	.1023	180.
205.	.1129	.1130	.1102	.1144	.1117	.1138	.1121	.1091		.1053	.1051	.1069	.1054	205.
220.	.1163	.1175	.1141	.1185	.1177	.1184	.1176	.1156	.1152	.1117	.1096	.1090	.1092	220.
235.	.1270	.1347	.1289	.1308		.1304	.1306	.1275	.1274	.1284	.1263	.1246	.1196	235.
250.	.1676	.1678	.1678	.1666	.1686	.1639	.1642	.1605	.1684	.1672	.1646	.1607	.1665	250.
260.		.2270	.2253	.2208	.2256	.2261	.2252	.2243	.2274	.2264	.2201	.2187	.2261	260.
270.	.3073	.3090	.3083	.3110	.3090	.3068	.3085	.3050	.3055	.3073	.3078	.3073	.3036	270.
280.		.2913	.2894	.2927	.2921	.2907	.2938	.2925	.2887	.2921	.2890	.2860	.2846	280.
290.	.2476	.2472	.2486	.2497	.2491	.2479	.2498	.2493	.2509	.2504	.2493	.2519	.2477	290.
305.	.2097	.2168	.2084	.2112		.2137	.2134	.2151	.2127	.2127	.2134	.2107	.2047	305.
320.	.1958	.1966	.1896	.1925	.1941	.1962	.1965	.1957	.1949	.1944	.1928	.1932	.1908	320.
335.	.1871	.1862	.1855	.1850	.1872	.1900	.1884	.1851		.1838	.1840	.1889	.1850	335.
						FOR ALPHA = -1.50 DEG								
0.	.1665	.1693	.1670	.1684	.1651	.1660	.1679	.1650	.1649	.1644	.1662	.1650	.1648	0.
25.	.1702	.1705	.1688	.1705	.1689	.1698	.1698	.1692		.1651	.1656	.1684	.1661	25.
40.	.1710	.1711	.1694	.1681	.1698	.1688	.1687	.1689	.1691	.1649	.1655	.1655	.1646	40.
55.	.1709	.1753	.1699	.1740		.1725	.1727	.1729	.1717	.1698	.1699	.1676	.1631	55.
70.	.1839	.1813	.1823	.1836	.1835	.1794	.1815	.1803	.1823	.1805	.1788	.1805	.1819	70.
80.		.1971	.1950	.1963	.1959	.1940	.1960	.1946	.1946	.1946	.1954	.1988	.1926	80.
90.	.1983	.1981	.1983	.2014	.1970	.1931	.1940	.1942	.1966	.1980	.2009	.1991	.1959	90.
100.		.1627	.1638	.1603	.1651	.1617	.1613	.1594	.1636	.1649	.1605	.1631	.1628	100.
110.	.1409	.1392	.1414	.1407	.1420	.1384	.1400	.1359	.1376	.1383	.1363	.1430	.1390	110.
125.	.1249	.1309	.1257	.1282		.1272	.1297	.1247	.1264	.1235	.1226	.1212	.1185	125.
140.	.1247	.1246	.1238	.1256	.1226	.1238	.1250	.1239	.1231	.1204	.1196	.1192	.1183	140.
155.	.1253	.1222	.1242	.1238	.1213	.1230	.1243	.1232		.1179	.1203	.1189	.1189	155.
180.	.1227	.1246	.1230	.1226	.1215	.1214	.1231	.1220	.1190	.1178	.1190	.1176	.1155	180.
205.	.1283	.1275	.1268	.1261	.1255	.1278	.1282	.1228		.1203	.1196	.1214	.1167	205.
220.	.1340	.1327	.1319	.1320	.1359	.1332	.1336	.1325	.1298	.1276	.1249	.1265	.1221	220.
235.	.1448	.1500	.1460	.1455		.1480	.1473	.1458	.1409	.1443	.1453	.1449	.1371	235.
250.	.1933	.1843	.1869	.1868	.1837	.1832	.1836	.1839	.1814	.1856	.1844	.1858	.1813	250.
260.		.2452	.2409	.2408	.2369	.2415	.2444	.2468	.2434	.2447	.2386	.2428	.2389	260.
270.	.3060	.3102	.3107	.3157	.3093	.3066	.3099	.3085	.3059	.3086	.3087	.3078	.3055	270.
280.		.2793	.2758	.2763	.2737	.2736	.2751	.2753	.2773	.2763	.2718	.2749	.2709	280.
290.	.2310	.2265	.2331	.2294	.2296	.2259	.2296	.2324	.2328	.2333	.2293	.2324	.2263	290.
305.	.1910	.1962	.1917	.1933		.1974	.1950	.1949	.1918	.1919	.1920	.1906	.1873	305.
320.	.1753	.1766	.1764	.1770	.1776	.1772	.1800	.1760	.1763	.1724	.1724	.1759	.1738	320.
335.	.1704	.1680	.1687	.1673	.1706	.1714	.1725	.1677		.1679	.1661	.1702	.1663	335.

TABLE IV. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -.50 DEG							
0.	.1639	.1596	.1472	.1517	.1555	.1540	.1557	.1559	.1556		.1517	.1528	.1485	.1520
25.		.1675	.1490	.1511	.1577	.1579	.1583	.1584	.1569	.1556	.1540	.1543	.1527	.1533
40.				.1509	.1581		.1563	.1577	.1567	.1549	.1545	.1559	.1543	.1546
55.	.1563	.1647	.1476	.1589	.1527	.1592	.1564	.1587	.1572	.1586	.1572	.1597	.1580	.1569
70.			.1625	.1690	.1806	.1684	.1678	.1691	.1681	.1682	.1693	.1681	.1686	.1688
80.				.1849	.1826	.1846	.1861	.1867	.1844	.1846	.1828	.1845	.1852	.1848
90.		.2052	.1903	.2006	.1928	.1982	.1979	.2006	.1995	.2014	.2004	.1975	.1991	.1969
100.				.1770	.1775	.1757	.1818	.1764	.1768	.1754	.1772	.1763	.1786	.1728
110.			.1493	.1558	.1534	.1537	.1581	.1524	.1566	.1545	.1577	.1532	.1564	.1535
125.	.1428	.1517	.1335	.1459	.1383	.1415	.1454	.1419	.1445	.1421	.1447	.1427	.1416	.1397
140.				.1393	.1392		.1419	.1418	.1418	.1388	.1413	.1366	.1379	.1368
155.		.1547	.1306	.1358	.1403	.1422	.1420	.1422	.1423	.1372	.1411	.1356	.1365	.1345
180.	.1482	.1474	.1307	.1379	.1411	.1412	.1410	.1428	.1418		.1395	.1393	.1353	.1385
205.		.1483	.1348	.1484	.1450	.1436	.1448	.1468	.1467	.1459	.1461	.1438	.1393	.1408
220.				.1559	.1508		.1500	.1526	.1508	.1514	.1500	.1516	.1470	.1492
235.	.1611	.1664	.1537	.1689	.1622	.1683	.1661	.1656	.1613	.1647	.1638	.1668	.1658	.1634
250.			.1949	.2049	.1998	.2040	.2021	.2035	.2006	.2019	.2042	.2016	.2035	.2039
260.				.2664	.2631	.2639	.2646	.2654	.2609	.2609	.2609	.2578	.2604	.2575
270.		.3162	.3092	.3117	.3063	.3091	.3078	.3120	.3086	.3127	.3127	.3051	.3075	.3057
280.				.2642	.2621	.2624	.2611	.2635	.2589	.2603	.2585	.2633	.2575	.2583
290.			.2170	.2144	.2096	.2115	.2072	.2091	.2113	.2049	.2079	.2052	.2072	.2067
305.	.1757	.1775	.1698	.1770	.1723	.1756	.1737	.1730	.1727	.1719	.1699	.1745	.1718	.1721
320.				.1692	.1613		.1608	.1636	.1633	.1596	.1545	.1624	.1592	.1554
335.		.1583	.1457	.1591	.1545	.1539	.1589	.1553	.1569	.1528	.1524	.1498	.1498	.1483
							FOR ALPHA = .50 DEG							
0.	.1491	.1463	.1301	.1360	.1380	.1397	.1398	.1403	.1414		.1367	.1365	.1347	.1390
25.		.1551	.1331	.1349	.1421	.1444	.1429	.1423	.1449	.1407	.1413	.1374	.1394	.1390
40.				.1367	.1395		.1427	.1416	.1441	.1418	.1412	.1406	.1418	.1398
55.	.1427	.1529	.1334	.1407	.1405	.1461	.1439	.1420	.1450	.1445	.1457	.1445	.1451	.1440
70.			.1465	.1528	.1539	.1549	.1544	.1537	.1565	.1545	.1576	.1539	.1554	.1563
80.				.1726	.1726	.1743	.1771	.1735	.1751	.1761	.1748	.1735	.1739	.1742
90.		.2040	.1916	.2001	.1932	.1997	.1968	.2000	.2002	.2026	.2002	.1978	.1967	.1970
100.				.1882	.1882	.1870	.1918	.1855	.1903	.1905	.1862	.1912	.1900	.1902
110.			.1654	.1688	.1703	.1705	.1705	.1672	.1708	.1710	.1677	.1668	.1691	.1683
125.	.1536	.1653	.1509	.1577	.1527	.1585	.1549	.1572	.1584	.1579	.1588	.1552	.1581	.1563
140.				.1505	.1569		.1538	.1532	.1579	.1551	.1536	.1511	.1530	.1533
155.		.1673	.1455	.1489	.1585	.1541	.1564	.1520	.1560	.1540	.1511	.1509	.1514	.1508
180.	.1623	.1580	.1453	.1530	.1569	.1559	.1567	.1556	.1572		.1524	.1513	.1517	.1540
205.		.1612	.1470	.1607	.1610	.1610	.1610	.1598	.1604	.1594	.1584	.1572	.1589	.1577
220.				.1720	.1680		.1661	.1662	.1696	.1672	.1652	.1654	.1671	.1663
235.	.1787	.1835	.1705	.1825	.1788	.1860	.1803	.1803	.1845	.1843	.1833	.1859	.1827	.1817
250.			.2139	.2197	.2225	.2241	.2204	.2183	.2232	.2214	.2220	.2172	.2210	.2238
260.				.2777	.2818	.2806	.2810	.2797	.2754	.2746	.2774	.2713	.2781	.2761
270.		.3136	.3050	.3103	.3069	.3115	.3059	.3098	.3087	.3132	.3123	.3065	.3069	.3086
280.				.2490	.2489	.2511	.2495	.2405	.2451	.2445	.2404	.2434	.2413	.2410
290.			.1892	.1946	.1890	.1950	.1896	.1878	.1936	.1919	.1872	.1854	.1879	.1893
305.	.1593	.1615	.1479	.1623	.1528	.1597	.1550	.1536	.1566	.1577	.1552	.1526	.1549	.1536
320.				.1500	.1446		.1417	.1469	.1455	.1456	.1402	.1404	.1480	.1425
335.		.1442	.1271	.1421	.1372	.1383	.1387	.1421	.1405	.1385	.1366	.1324	.1405	.1364
							FOR ALPHA = 1.50 DEG							
0.	.1353	.1329	.1173	.1210	.1237	.1259	.1260	.1270	.1282		.1236	.1219	.1215	.1240
25.		.1405	.1203	.1236	.1266	.1315	.1308	.1302	.1323	.1263	.1280	.1250	.1273	.1253
40.				.1241	.1271		.1313	.1288	.1315	.1266	.1270	.1276	.1271	.1265
55.	.1299	.1375	.1219	.1299	.1277	.1297	.1305	.1301	.1332	.1308	.1304	.1323	.1301	.1301
70.			.1321	.1394	.1408	.1387	.1392	.1400	.1416	.1402	.1415	.1397	.1428	.1418
80.				.1626	.1633	.1630	.1629	.1631	.1618	.1628	.1613	.1639	.1624	.1623
90.		.2025	.1914	.1980	.1935	.1986	.1959	.1973	.1977	.1985	.1990	.1959	.1978	.1964
100.				.1986	.2023	.1964	.2005	.1979	.1987	.1992	.1949	.1948	.1966	.1944
110.			.1737	.1876	.1867	.1820	.1841	.1789	.1866	.1841	.1788	.1790	.1797	.1876
125.	.1685	.1766	.1594	.1756	.1710	.1710	.1718	.1706	.1765	.1709	.1715	.1697	.1711	.1700
140.				.1677	.1740		.1680	.1705	.1740	.1662	.1685	.1644	.1698	.1669
155.		.1801	.1589	.1629	.1760	.1699	.1675	.1686	.1733	.1640	.1694	.1659	.1691	.1644
180.	.1752	.1743	.1584	.1678	.1722	.1683	.1709	.1725	.1733		.1689	.1689	.1668	.1686
205.		.1784	.1662	.1765	.1768	.1764	.1794	.1795	.1760	.1757	.1762	.1746	.1736	.1730
220.				.1887	.1835		.1861	.1858	.1846	.1833	.1839	.1832	.1800	.1837
235.	.1951	.2002	.1893	.2021	.1927	.2037	.2011	.2012	.2004	.2006	.2005	.2016	.1997	.2018
250.			.2350	.2375	.2358	.2405	.2418	.2389	.2365	.2391	.2360	.2362	.2402	.2435
260.				.2914	.2903	.2913	.2965	.2917	.2891	.2928	.2863	.2903	.2918	.2882
270.		.3133	.3074	.3068	.3027	.3073	.3051	.3091	.3072	.3129	.3105	.3042	.3079	.3059
280.				.2304	.2333	.2348	.2315	.2276	.2298	.2309	.2278	.2220	.2277	.2294
290.			.1704	.1698	.1688	.1734	.1714	.1651	.1739	.1739	.1734	.1687	.1705	.1735
305.	.1422	.1447	.1303	.1411	.1339	.1400	.1395	.1335	.1386	.1396	.1386	.1378	.1394	.1379
320.				.1334	.1295		.1256	.1271	.1288	.1280	.1257	.1294	.1285	.1289
335.		.1300	.1123	.1275	.1242	.1228	.1233	.1255	.1252	.1220	.1234	.1175	.1219	.1223

TABLE IV. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.50 DEG								
0.	.1506	.1554	.1525	.1519	.1519	.1527	.1530	.1508	.1494	.1521	.1519	.1500	.1493	0.
25.	.1558	.1571	.1560	.1552	.1531	.1549	.1577	.1530		.1497	.1519	.1531	.1514	25.
40.	.1579	.1586	.1556	.1557	.1543	.1555	.1570	.1538	.1547	.1509	.1524	.1502	.1492	40.
55.	.1554	.1606	.1577	.1583		.1577	.1596	.1579	.1574	.1566	.1565	.1528	.1488	55.
70.	.1696	.1679	.1709	.1694	.1704	.1665	.1697	.1657	.1681	.1669	.1659	.1679	.1680	70.
80.		.1858	.1862	.1846	.1867	.1849	.1859	.1845	.1839	.1854	.1865	.1878	.1838	80.
90.	.1978	.2007	.2000	.2037	.1991	.1955	.1954	.1950	.1958	.1995	.2007	.2010	.1970	90.
100.		.1767	.1774	.1756	.1745	.1775	.1712	.1724	.1724	.1800	.1749	.1769	.1724	100.
110.	.1542	.1537	.1586	.1567	.1542	.1551	.1529	.1520	.1490	.1535	.1505	.1559	.1514	110.
125.	.1410	.1445	.1427	.1399		.1425	.1436	.1418	.1393	.1421	.1347	.1357	.1309	125.
140.	.1405	.1388	.1394	.1369	.1364	.1371	.1399	.1384	.1358	.1368	.1323	.1329	.1295	140.
155.	.1392	.1376	.1374	.1363	.1366	.1370	.1399	.1340		.1340	.1334	.1347	.1317	155.
180.	.1389	.1396	.1365	.1366	.1364	.1362	.1388	.1352	.1325	.1324	.1339	.1319	.1302	180.
205.	.1431	.1432	.1432	.1409	.1420	.1421	.1449	.1391		.1366	.1372	.1363	.1354	205.
220.	.1523	.1513	.1491	.1486	.1479	.1487	.1512	.1491	.1498	.1483	.1456	.1402	.1404	220.
235.	.1654	.1671	.1649	.1644		.1661	.1672	.1632	.1637	.1646	.1645	.1590	.1563	235.
250.	.2066	.2025	.2086	.2065	.2079	.2089	.2061	.1996	.2030	.2040	.2054	.2048	.2007	250.
260.		.2609	.2610	.2575	.2607	.2611	.2625	.2582	.2602	.2650	.2582	.2583	.2567	260.
270.	.3085	.3159	.3117	.3155	.3114	.3093	.3125	.3078	.3088	.3113	.3104	.3085	.3068	270.
280.		.2652	.2641	.2608	.2617	.2604	.2630	.2642	.2567	.2608	.2570	.2606	.2562	280.
290.	.2134	.2159	.2137	.2140	.2123	.2132	.2140	.2087	.2108	.2092	.2136	.2125	.2103	290.
305.	.1731	.1809	.1759	.1753		.1795	.1804	.1763	.1744	.1725	.1750	.1744	.1652	305.
320.	.1606	.1613	.1604	.1609	.1614	.1656	.1622	.1610	.1595	.1588	.1578	.1557	.1530	320.
335.	.1507	.1546	.1531	.1545	.1538	.1569	.1569	.1509		.1516	.1530	.1531	.1501	335.
						FOR ALPHA = .50 DEG								
0.	.1372	.1389	.1388	.1374	.1362	.1367	.1382	.1359	.1353	.1342	.1371	.1356	.1350	0.
25.	.1431	.1412	.1421	.1416	.1409	.1400	.1422	.1391		.1357	.1357	.1397	.1379	25.
40.	.1447	.1431	.1412	.1420	.1404	.1398	.1411	.1406	.1390	.1381	.1353	.1375	.1353	40.
55.	.1434	.1458	.1430	.1446		.1437	.1432	.1443	.1434	.1430	.1406	.1401	.1344	55.
70.	.1559	.1527	.1555	.1567	.1552	.1537	.1525	.1530	.1533	.1548	.1502	.1548	.1550	70.
80.		.1745	.1720	.1741	.1749	.1742	.1729	.1742	.1725	.1746	.1737	.1764	.1732	80.
90.	.1981	.2002	.1985	.2025	.1981	.1954	.1943	.1969	.1988	.1992	.2020	.2001	.1964	90.
100.		.1873	.1850	.1904	.1889	.1900	.1843	.1838	.1880	.1883	.1861	.1883	.1842	100.
110.	.1666	.1693	.1683	.1711	.1714	.1666	.1683	.1658	.1647	.1678	.1628	.1720	.1689	110.
125.	.1538	.1613	.1535	.1559		.1555	.1547	.1586	.1572	.1554	.1503	.1499	.1472	125.
140.	.1526	.1535	.1514	.1519	.1498	.1524	.1496	.1515	.1534	.1490	.1485	.1473	.1448	140.
155.	.1547	.1510	.1531	.1527	.1501	.1526	.1513	.1495		.1480	.1464	.1506	.1487	155.
180.	.1531	.1538	.1530	.1529	.1506	.1504	.1513	.1503	.1482	.1479	.1463	.1461	.1464	180.
205.	.1615	.1623	.1580	.1571	.1594	.1578	.1616	.1560		.1519	.1516	.1541	.1512	205.
220.	.1708	.1683	.1646	.1661	.1670	.1653	.1650	.1644	.1660	.1616	.1615	.1620	.1588	220.
235.	.1863	.1859	.1850	.1842		.1830	.1831	.1833	.1825	.1808	.1794	.1816	.1752	235.
250.	.2288	.2226	.2250	.2237	.2260	.2212	.2242	.2241	.2230	.2243	.2247	.2240	.2192	250.
260.		.2776	.2753	.2777	.2788	.2765	.2749	.2770	.2770	.2769	.2728	.2744	.2740	260.
270.	.3113	.3118	.3115	.3160	.3135	.3100	.3083	.3092	.3087	.3097	.3082	.3086	.3064	270.
280.		.2436	.2482	.2430	.2500	.2451	.2451	.2509	.2502	.2464	.2407	.2462	.2411	280.
290.	.1947	.1902	.1990	.1943	.1960	.1925	.1934	.1950	.1969	.1958	.1879	.1966	.1932	290.
305.	.1544	.1619	.1588	.1587		.1578	.1629	.1581	.1606	.1569	.1551	.1578	.1534	305.
320.	.1422	.1447	.1446	.1435	.1450	.1431	.1479	.1437	.1453	.1418	.1399	.1424	.1404	320.
335.	.1377	.1354	.1383	.1379	.1368	.1394	.1414	.1362		.1335	.1376	.1370	.1376	335.
						FOR ALPHA = 1.50 DEG								
0.	.1232	.1247	.1241	.1241	.1232	.1233	.1250	.1229	.1211	.1207	.1227	.1215	.1198	0.
25.	.1275	.1289	.1272	.1278	.1264	.1290	.1283	.1259		.1238	.1222	.1270	.1227	25.
40.	.1285	.1296	.1284	.1284	.1271	.1273	.1281	.1276	.1245	.1245	.1231	.1257	.1219	40.
55.	.1286	.1344	.1291	.1313		.1313	.1291	.1307	.1278	.1284	.1270	.1258	.1210	55.
70.	.1416	.1393	.1425	.1434	.1397	.1392	.1398	.1407	.1384	.1382	.1380	.1394	.1401	70.
80.		.1630	.1589	.1613	.1600	.1604	.1605	.1616	.1596	.1598	.1598	.1650	.1593	80.
90.	.1952	.1972	.1973	.2027	.1963	.1931	.1947	.1956	.1946	.1974	.1982	.1985	.1954	90.
100.		.1987	.2019	.2010	.1967	.2007	.1939	.1953	.1990	.1958	.1957	.1946	.1925	100.
110.	.1816	.1781	.1840	.1872	.1816	.1842	.1824	.1831	.1778	.1782	.1790	.1841	.1817	110.
125.	.1660	.1708	.1685	.1707		.1706	.1734	.1749	.1685	.1711	.1637	.1661	.1612	125.
140.	.1655	.1681	.1646	.1686	.1657	.1641	.1662	.1689	.1639	.1681	.1642	.1654	.1584	140.
155.	.1690	.1660	.1672	.1669	.1624	.1644	.1680	.1641		.1633	.1647	.1685	.1610	155.
180.	.1701	.1701	.1684	.1685	.1639	.1665	.1666	.1674	.1638	.1632	.1644	.1631	.1602	180.
205.	.1766	.1778	.1757	.1761	.1712	.1761	.1779	.1725		.1713	.1705	.1694	.1679	205.
220.	.1840	.1880	.1842	.1845	.1827	.1840	.1857	.1800	.1839	.1819	.1816	.1785	.1749	220.
235.	.1998	.2087	.2030	.2020		.2044	.2029	.1990	.1995	.2023	.2006	.1956	.1941	235.
250.	.2460	.2425	.2481	.2400	.2437	.2438	.2454	.2406	.2409	.2422	.2404	.2436	.2416	250.
260.		.2961	.2911	.2885	.2892	.2950	.2940	.2896	.2898	.2870	.2872	.2917	.2894	260.
270.	.3073	.3130	.3100	.3146	.3113	.3083	.3087	.3082	.3093	.3088	.3082	.3081	.3052	270.
280.		.2283	.2264	.2260	.2315	.2291	.2244	.2323	.2324	.2322	.2250	.2277	.2260	280.
290.	.1763	.1726	.1793	.1757	.1753	.1763	.1722	.1753	.1768	.1760	.1737	.1770	.1747	290.
305.	.1406	.1421	.1431	.1438		.1409	.1408	.1402	.1410	.1400	.1358	.1395	.1361	305.
320.	.1313	.1293	.1290	.1294	.1287	.1277	.1306	.1275	.1276	.1274	.1221	.1255	.1239	320.
335.	.1238	.1227	.1239	.1233	.1242	.1221	.1273	.1232		.1188	.1189	.1215	.1209	335.

TABLE IV. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 2.50 DEG							
0.	.1215	.1190	.1039	.1084	.1091	.1128	.1128	.1140	.1141		.1113	.1112	.1095	.1124
25.		.1281	.1066	.1118	.1133	.1205	.1204	.1186	.1191	.1163	.1147	.1141	.1142	.1144
40.				.1137	.1133		.1190	.1188	.1188	.1171	.1148	.1147	.1157	.1155
55.	.1185	.1253	.1071	.1192	.1139	.1194	.1170	.1193	.1197	.1197	.1182	.1180	.1187	.1171
70.			.1197	.1270	.1269	.1288	.1258	.1259	.1287	.1281	.1274	.1250	.1296	.1289
80.				.1523	.1509	.1546	.1509	.1484	.1506	.1503	.1509	.1479	.1508	.1486
90.		.2005	.1873	.1959	.1897	.1969	.1934	.1936	.1946	.1970	.1968	.1936	.1943	.1925
100.				.2088	.2072	.2063	.2088	.2079	.2075	.2039	.2092	.2033	.2057	.2035
110.			.1821	.1984	.1975	.1982	.1941	.1973	.1970	.1937	.1980	.1920	.1938	.1939
125.	.1827	.1897	.1716	.1902	.1847	.1877	.1838	.1852	.1834	.1852	.1847	.1864	.1857	.1811
140.				.1852	.1889		.1830	.1839	.1843	.1819	.1789	.1834	.1828	.1803
155.		.1904	.1726	.1809	.1895	.1876	.1850	.1833	.1848	.1810	.1806	.1818	.1787	.1800
180.	.1944	.1876	.1743	.1840	.1864	.1881	.1864	.1893	.1887		.1828	.1846	.1810	.1867
205.		.1961	.1833	.1911	.1925	.1928	.1956	.1973	.1968	.1968	.1923	.1895	.1897	.1931
220.				.2050	.1984		.2010	.2045	.2041	.2049	.2022	.2006	.1994	.2032
235.	.2144	.2212	.2050	.2204	.2133	.2249	.2183	.2185	.2187	.2235	.2216	.2202	.2176	.2191
250.			.2530	.2557	.2544	.2626	.2600	.2571	.2571	.2611	.2577	.2530	.2560	.2603
260.				.3018	.3022	.3061	.3108	.3055	.3042	.3049	.3038	.3046	.3055	.2994
270.		.3120	.3012	.3045	.3000	.3063	.3031	.3057	.3059	.3064	.3083	.3027	.3033	.3036
280.				.2166	.2191	.2187	.2175	.2100	.2128	.2108	.2066	.2106	.2093	.2109
290.			.1526	.1542	.1532	.1528	.1527	.1480	.1529	.1531	.1531	.1490	.1497	.1525
305.	.1261	.1294	.1165	.1240	.1175	.1239	.1204	.1195	.1229	.1224	.1233	.1209	.1219	.1202
320.				.1145	.1133		.1121	.1141	.1149	.1118	.1118	.1109	.1126	.1126
335.		.1165	.0996	.1086	.1090	.1079	.1090	.1114	.1116	.1094	.1083	.1067	.1098	.1089
							FOR ALPHA = 3.50 DEG							
0.	.1095	.1082	.0930	.0959	.0970	.1012	.1020	.1009	.1022		.1006	.1001	.0966	.1000
25.		.1168	.0964	.1007	.1015	.1071	.1081	.1060	.1071	.1027	.1037	.1024	.1028	.1029
40.				.1008	.1017		.1072	.1068	.1056	.1043	.1045	.1048	.1030	.1035
55.	.1056	.1132	.0975	.1064	.1014	.1123	.1050	.1060	.1070	.1071	.1065	.1076	.1059	.1058
70.			.1048	.1121	.1104	.1138	.1137	.1135	.1129	.1133	.1135	.1124	.1142	.1147
80.				.1369	.1364	.1382	.1387	.1384	.1363	.1377	.1379	.1372	.1357	.1359
90.		.1970	.1837	.1931	.1886	.1922	.1892	.1916	.1893	.1924	.1917	.1893	.1906	.1888
100.				.2165	.2171	.2161	.2194	.2192	.2135	.2117	.2153	.2157	.2143	.2136
110.			.1980	.2118	.2146	.2146	.2097	.2131	.2101	.2085	.2106	.2078	.2082	.2093
125.	.1965	.2051	.1882	.2070	.2019	.2063	.2006	.2012	.2020	.2018	.2004	.2038	.1989	.1989
140.				.2029	.2058		.2026	.2016	.2025	.1987	.1977	.2013	.1984	.1986
155.		.2069	.1906	.2003	.2076	.2025	.2030	.2008	.2017	.2004	.1974	.1977	.1987	.1972
180.	.2116	.2046	.1923	.2021	.2043	.2045	.2040	.2056	.2077		.2016	.2020	.1999	.2036
205.		.2126	.2038	.2085	.2087	.2084	.2119	.2133	.2145	.2120	.2103	.2061	.2087	.2099
220.				.2217	.2188		.2189	.2230	.2244	.2227	.2186	.2194	.2190	.2175
235.	.2311	.2388	.2185	.2384	.2322	.2389	.2356	.2367	.2403	.2416	.2390	.2407	.2401	.2389
250.			.2716	.2740	.2740	.2783	.2759	.2754	.2773	.2747	.2740	.2706	.2770	.2770
260.				.3131	.3147	.3177	.3213	.3197	.3202	.3187	.3124	.3119	.3118	.3127
270.		.3099	.3014	.3010	.2983	.3022	.3000	.3034	.3023	.3053	.3061	.3012	.2960	.3018
280.				.2005	.1982	.2025	.1997	.1921	.1928	.1916	.1943	.1932	.1921	.1918
290.			.1336	.1300	.1296	.1339	.1371	.1312	.1322	.1310	.1342	.1311	.1313	.1360
305.	.1097	.1129	.0987	.1053	.0995	.1059	.1081	.1033	.1026	.1070	.1073	.1056	.1050	.1055
320.				.0988	.0973		.0992	.0968	.0984	.0986	.1009	.0988	.0980	.0971
335.		.1047	.0878	.0940	.0955	.0947	.0964	.0962	.0984	.0960	.0995	.0973	.0951	.0967
							FOR ALPHA = 5.50 DEG							
0.	.0860	.0838	.0716	.0747	.0763	.0779	.0787	.0794	.0810		.0774	.0770	.0755	.0770
25.		.0928	.0755	.0790	.0804	.0860	.0851	.0848	.0879	.0836	.0832	.0818	.0829	.0820
40.				.0798	.0813		.0835	.0852	.0852	.0842	.0821	.0818	.0843	.0830
55.	.0850	.0904	.0766	.0796	.0801	.0854	.0815	.0822	.0835	.0842	.0834	.0836	.0845	.0831
70.			.0814	.0829	.0831	.0860	.0829	.0815	.0866	.0848	.0870	.0833	.0857	.0886
80.				.1101	.1102	.1112	.1086	.1060	.1083	.1069	.1061	.1049	.1041	.1058
90.		.1901	.1782	.1805	.1774	.1836	.1801	.1800	.1804	.1837	.1825	.1775	.1798	.1776
100.				.2258	.2261	.2264	.2363	.2316	.2301	.2292	.2290	.2305	.2319	.2296
110.			.2260	.2382	.2329	.2389	.2366	.2373	.2354	.2362	.2356	.2373	.2380	.2330
125.	.2285	.2370	.2172	.2380	.2280	.2354	.2349	.2345	.2309	.2335	.2311	.2332	.2335	.2332
140.				.2373	.2349		.2376	.2370	.2325	.2330	.2286	.2319	.2304	.2326
155.		.2389	.2340	.2358	.2366	.2373	.2398	.2354	.2353	.2321	.2324	.2341	.2291	.2337
180.	.2481	.2413	.2265	.2427	.2412	.2395	.2404	.2418	.2434		.2384	.2380	.2344	.2406
205.		.2518	.2425	.2476	.2481	.2482	.2512	.2508	.2531	.2490	.2506	.2444	.2485	.2455
220.				.2619	.2579		.2584	.2603	.2661	.2608	.2603	.2571	.2586	.2564
235.	.2684	.2756	.2763	.2793	.2714	.2753	.2767	.2764	.2824	.2789	.2782	.2764	.2820	.2762
250.			.3128	.3122	.3132	.3125	.3153	.3127	.3150	.3115	.3107	.3081	.3163	.3161
260.				.3390	.3421	.3356	.3475	.3406	.3450	.3395	.3405	.3418	.3431	.3409
270.		.3038	.2929	.2971	.2927	.2946	.2935	.2980	.2957	.2990	.2955	.2934	.2917	.2954
280.				.1662	.1689	.1642	.1637	.1648	.1620	.1628	.1597	.1578	.1582	.1567
290.			.0913	.0905	.0925	.0910	.0926	.0944	.0971	.0953	.0974	.0958	.0956	.0994
305.	.0778	.0807	.0636	.0731	.0695	.0717	.0722	.0713	.0749	.0750	.0770	.0786	.0774	.0777
320.				.0721	.0696		.0693	.0700	.0738	.0719	.0734	.0744	.0730	.0718
335.		.0775	.0641	.0664	.0714	.0700	.0710	.0727	.0773	.0726	.0739	.0714	.0722	.0707

TABLE IV. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.	.1105	.1113	.1103	.1107	.1094	.1096	.1111	.1094	.1085	.1079	.1098	.1078	.1087	0.
25.	.1153	.1145	.1159	.1148	.1151	.1128	.1174	.1118		.1109	.1115	.1137	.1134	25.
40.	.1155	.1156	.1168	.1161	.1156	.1155	.1154	.1136	.1144	.1108	.1122	.1120	.1105	40.
55.	.1171	.1180	.1181	.1171		.1180	.1176	.1172	.1182	.1153	.1136	.1133	.1094	55.
70.	.1287	.1271	.1288	.1278	.1283	.1248	.1275	.1253	.1260	.1247	.1224	.1266	.1253	70.
80.		.1493	.1474	.1481	.1503	.1474	.1473	.1484	.1481	.1449	.1463	.1516	.1467	80.
90.	.1922	.1939	.1957	.1993	.1956	.1898	.1902	.1925	.1927	.1958	.1951	.1936	.1928	90.
100.		.2065	.2074	.2083	.2074	.2051	.2079	.2035	.2040	.2106	.2036	.2049	.2022	100.
110.	.1969	.1942	.1961	.1975	.1956	.1936	.1977	.1913	.1913	.1903	.1940	.1974	.1916	110.
125.	.1867	.1849	.1844	.1837		.1847	.1866	.1866	.1842	.1816	.1831	.1794	.1727	125.
140.	.1864	.1839	.1809	.1812	.1830	.1820	.1816	.1806	.1806	.1797	.1802	.1756	.1737	140.
155.	.1842	.1846	.1831	.1797	.1832	.1791	.1850	.1781		.1775	.1802	.1815	.1768	155.
180.	.1851	.1883	.1853	.1855	.1834	.1823	.1832	.1823	.1809	.1805	.1815	.1796	.1797	180.
205.	.1964	.1950	.1933	.1945	.1924	.1934	.1953	.1884		.1863	.1882	.1879	.1890	205.
220.	.2051	.2049	.2025	.2030	.2011	.2018	.2036	.2013	.2061	.1998	.1975	.1964	.1970	220.
235.	.2237	.2279	.2224	.2185		.2186	.2217	.2185	.2232	.2219	.2177	.2175	.2160	235.
250.	.2660	.2609	.2647	.2626	.2691	.2602	.2615	.2588	.2645	.2631	.2586	.2622	.2591	250.
260.		.3043	.3059	.3051	.3106	.3092	.3068	.3052	.3080	.3060	.3000	.3018	.2997	260.
270.	.3071	.3088	.3079	.3135	.3099	.3065	.3047	.3089	.3053	.3053	.3070	.3066	.3031	270.
280.		.2111	.2132	.2123	.2129	.2119	.2101	.2132	.2149	.2147	.2076	.2107	.2063	280.
290.	.1570	.1544	.1597	.1572	.1594	.1552	.1569	.1585	.1581	.1584	.1516	.1572	.1533	290.
305.	.1207	.1282	.1237	.1253		.1249	.1267	.1245	.1232	.1231	.1207	.1207	.1176	305.
320.	.1148	.1144	.1112	.1126	.1131	.1125	.1153	.1126	.1141	.1105	.1095	.1116	.1087	320.
335.	.1107	.1074	.1080	.1077	.1075	.1106	.1110	.1084		.1059	.1071	.1083	.1062	335.
						FOR ALPHA = 3.50 DEG								
0.	.0994	.1005	.0970	.0981	.0975	.0981	.0985	.0973	.0957	.0959	.0962	.0958	.0950	0.
25.	.1038	.1046	.1035	.1038	.1040	.1035	.1037	.1017		.0995	.0997	.1008	.1000	25.
40.	.1038	.1047	.1037	.1040	.1027	.1028	.1027	.1017	.1005	.0998	.1000	.1003	.0987	40.
55.	.1056	.1085	.1045	.1062		.1051	.1048	.1035	.1040	.1043	.1028	.0996	.0971	55.
70.	.1138	.1125	.1137	.1132	.1120	.1108	.1124	.1104	.1116	.1117	.1102	.1122	.1126	70.
80.		.1352	.1328	.1311	.1341	.1347	.1348	.1331	.1333	.1308	.1335	.1353	.1320	80.
90.	.1881	.1897	.1914	.1937	.1909	.1868	.1882	.1885	.1873	.1902	.1919	.1902	.1876	90.
100.		.2178	.2168	.2194	.2182	.2148	.2182	.2136	.2117	.2185	.2145	.2124	.2116	100.
110.	.2088	.2075	.2112	.2129	.2136	.2080	.2124	.2091	.2058	.2043	.2102	.2095	.2064	110.
125.	.2030	.2053	.1989	.2021		.2038	.2041	.2050	.2008	.2005	.2011	.1952	.1897	125.
140.	.2038	.2028	.1991	.1999	.1975	.1989	.1993	.1982	.2002	.1968	.1972	.1966	.1911	140.
155.	.2019	.2032	.1989	.1998	.2009	.1996	.2011	.1971		.1966	.1981	.2013	.1948	155.
180.	.2037	.2072	.2032	.2030	.2012	.2013	.2019	.2005	.1974	.1979	.1983	.1975	.1976	180.
205.	.2138	.2145	.2148	.2131	.2092	.2091	.2128	.2084		.2060	.2071	.2077	.2065	205.
220.	.2220	.2240	.2232	.2226	.2192	.2189	.2206	.2206	.2213	.2192	.2160	.2170	.2150	220.
235.	.2378	.2446	.2414	.2418		.2402	.2434	.2397	.2417	.2407	.2381	.2364	.2298	235.
250.	.2816	.2770	.2813	.2840	.2819	.2784	.2793	.2789	.2829	.2800	.2773	.2838	.2777	250.
260.		.3198	.3222	.3209	.3241	.3230	.3197	.3210	.3177	.3170	.3151	.3178	.3134	260.
270.	.3039	.3068	.3053	.3083	.3073	.3026	.3033	.3044	.3011	.3030	.3012	.3024	.2995	270.
280.		.1978	.1891	.1896	.1944	.1996	.1950	.1950	.1916	.1959	.1903	.1894	.1909	280.
290.	.1390	.1376	.1380	.1383	.1391	.1410	.1376	.1336	.1396	.1391	.1341	.1353	.1323	290.
305.	.1076	.1121	.1073	.1079		.1114	.1065	.1059	.1069	.1096	.1060	.1031	.0981	305.
320.	.0996	.0999	.0969	.0991	.0986	.0996	.0988	.0980	.0986	.0989	.0948	.0934	.0948	320.
335.	.0969	.0941	.0935	.0955	.0964	.0982	.0977	.0944		.0943	.0909	.0936	.0934	335.
						FOR ALPHA = 5.50 DEG								
0.	.0755	.0776	.0769	.0764	.0759	.0753	.0762	.0763	.0741	.0726	.0742	.0744	.0732	0.
25.	.0825	.0822	.0830	.0821	.0810	.0817	.0825	.0815		.0769	.0788	.0809	.0804	25.
40.	.0838	.0824	.0815	.0833	.0816	.0793	.0809	.0815	.0813	.0786	.0787	.0785	.0774	40.
55.	.0806	.0841	.0805	.0824		.0796	.0813	.0812	.0815	.0782	.0767	.0791	.0748	55.
70.	.0862	.0813	.0846	.0858	.0849	.0813	.0827	.0810	.0831	.0816	.0805	.0869	.0835	70.
80.		.0995	.1001	.1003	.1033	.0994	.0977	.1045	.1018	.1026	.0996	.1023	.1023	80.
90.	.1768	.1787	.1779	.1830	.1798	.1761	.1744	.1789	.1766	.1788	.1785	.1784	.1777	90.
100.		.2337	.2344	.2309	.2323	.2308	.2289	.2271	.2318	.2332	.2331	.2314	.2253	100.
110.	.2381	.2366	.2392	.2411	.2379	.2371	.2390	.2321	.2337	.2352	.2332	.2403	.2369	110.
125.	.2337	.2393	.2332	.2333		.2371	.2379	.2322	.2348	.2308	.2299	.2252	.2227	125.
140.	.2371	.2404	.2365	.2322	.2332	.2350	.2339	.2329	.2307	.2318	.2337	.2270	.2272	140.
155.	.2359	.2377	.2371	.2370	.2342	.2361	.2379	.2313		.2311	.2333	.2315	.2333	155.
180.	.2410	.2426	.2404	.2404	.2375	.2388	.2406	.2362	.2360	.2373	.2358	.2348	.2318	180.
205.	.2517	.2503	.2564	.2529	.2521	.2513	.2537	.2464		.2474	.2455	.2491	.2436	205.
220.	.2602	.2627	.2656	.2634	.2625	.2648	.2612	.2612	.2580	.2615	.2567	.2591	.2517	220.
235.	.2816	.2890	.2835	.2812		.2853	.2815	.2831	.2803	.2842	.2786	.2773	.2692	235.
250.	.3200	.3207	.3189	.3223	.3191	.3213	.3179	.3209	.3157	.3189	.3112	.3222	.3119	250.
260.		.3504	.3452	.3487	.3478	.3491	.3490	.3477	.3422	.3440	.3401	.3472	.3416	260.
270.	.2961	.2989	.2965	.3042	.2950	.2946	.2971	.2984	.2939	.2946	.2943	.2944	.2913	270.
280.		.1552	.1499	.1528	.1522	.1555	.1593	.1594	.1570	.1576	.1550	.1557	.1527	280.
290.	.0997	.0970	.1002	.1008	.0984	.0982	.0988	.0990	.0976	.0981	.0992	.1005	.0985	290.
305.	.0765	.0780	.0761	.0757		.0758	.0739	.0745	.0727	.0740	.0759	.0740	.0695	305.
320.	.0726	.0724	.0705	.0727	.0715	.0712	.0716	.0715	.0702	.0686	.0678	.0687	.0663	320.
335.	.0717	.0721	.0715	.0729	.0726	.0717	.0729	.0695		.0671	.0667	.0699	.0677	335.

TABLE IV. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 10.50 DEG							
0.	.0348	.0329	.0221	.0258	.0313	.0328	.0342	.0340	.0350		.0341	.0315	.0293	.0333
25.		.0428	.0299	.0338	.0369	.0411	.0425	.0405	.0443	.0389	.0421	.0352	.0399	.0389
40.				.0258	.0233		.0388	.0382	.0373	.0357	.0380	.0358	.0377	.0364
55.	.0313	.0412	.0217	.0214	.0198	.0201	.0278	.0279	.0279	.0273	.0315	.0305	.0293	.0285
70.			.0060	.0054	.0002	-.0028	-.0011	-.0041	-.0021	-.0031	.0041	.0024	.0029	.0041
80.				.0298	.0268	.0211	.0222	.0157	.0131	.0096	.0106	.0091	.0057	.0029
90.		.1567	.1531	.1465	.1443	.1474	.1448	.1443	.1468	.1476	.1461	.1429	.1388	.1398
100.				.2576	.2626	.2496	.2686	.2634	.2631	.2630	.2607	.2606	.2648	.2614
110.			.3033	.3102	.3083	.3102	.3065	.3084	.3154	.3066	.3102	.3047	.3112	.3086
125.	.3168	.3319	.3152	.3336	.3206	.3243	.3238	.3233	.3320	.3293	.3313	.3264	.3288	.3274
140.				.3406	.3357		.3343	.3374	.3376	.3355	.3306	.3316	.3390	.3309
155.		.3417	.3441	.3424	.3424	.3348	.3413	.3453	.3425	.3379	.3374	.3334	.3416	.3406
180.	.3558	.3473	.3365	.3510	.3483	.3423	.3421	.3497	.3574		.3463	.3464	.3445	.3514
205.		.3591	.3650	.3590	.3600	.3559	.3575	.3632	.3627	.3630	.3601	.3543	.3598	.3553
220.				.3680	.3743		.3712	.3709	.3759	.3736	.3719	.3713	.3710	.3731
235.	.3710	.3842	.3644	.3900	.3796	.3894	.3848	.3843	.3904	.3874	.3930	.3907	.3875	.3837
250.			.4011	.4067	.4074	.4097	.4088	.4073	.4092	.4098	.4113	.4002	.4111	.4120
260.				.3926	.3945	.3873	.4016	.4001	.3950	.3936	.3994	.3903	.3983	.4024
270.		.2798	.2772	.2717	.2671	.2735	.2691	.2701	.2717	.2790	.2770	.2707	.2675	.2672
280.				.0908	.0834	.0862	.0796	.0747	.0707	.0740	.0713	.0697	.0634	.0649
290.			-.0065	-.0059	-.0118	-.0105	-.0126	-.0124	-.0119	-.0095	-.0061	-.0070	-.0108	-.0048
305.	.0079	.0131	-.0059	-.0040	-.0086	-.0032	-.0068	-.0062	-.0070	-.0029	.0019	-.0037	.0010	.0045
320.				.0090	.0093		.0118	.0145	.0155	.0150	.0161	.0172	.0168	.0166
335.		.0231	.0096	.0118	.0205	.0212	.0229	.0236	.0270	.0222	.0247	.0235	.0216	.0229
							FOR ALPHA = 15.50 DEG							
0.	-.0142	-.0037	-.0054	-.0005	-.0032	-.0008	-.0013	-.0021	-.0010		-.0011	-.0026	-.0031	-.0011
25.		.0025	-.0006	.0017	.0039	.0065	.0062	.0044	.0103	.0049	.0083	.0062	.0070	.0064
40.				-.0313	-.0242		-.0075	-.0036	.0002	-.0011	.0030	-.0032	.0023	.0013
55.	-.0135	-.0166	-.0361	-.0442	-.0599	-.0613	-.0616	-.0625	-.0615	-.0620	-.0540	-.0543	-.0533	-.0501
70.			-.0520	-.0608	-.0605	-.0627	-.0610	-.0640	-.0664	-.0689	-.0651	-.0669	-.0603	-.0690
80.				-.0393	-.0485	-.0469	-.0525	-.0549	-.0586	-.0623	-.0588	-.0595	-.0576	-.0643
90.		.1250	.1221	.1149	.1119	.1149	.1115	.1100	.1128	.1155	.1166	.1141	.1113	.1095
100.				.2880	.2864	.2733	.2899	.2978	.2918	.2960	.2911	.2897	.2954	.2932
110.			.3879	.3909	.3849	.3859	.3770	.3839	.3907	.3877	.3890	.3915	.3882	.3918
125.	.4158	.4298	.4420	.4396	.4257	.4332	.4328	.4338	.4376	.4374	.4357	.4374	.4373	.4350
140.				.4613	.4547		.4546	.4579	.4629	.4566	.4470	.4492	.4551	.4526
155.		.4604	.4694	.4643	.4674	.4531	.4618	.4643	.4676	.4663	.4654	.4608	.4647	.4614
180.	.4827	.4749	.4727	.4789	.4746	.4709	.4729	.4828	.4874		.4789	.4753	.4751	.4822
205.		.4897	.5012	.4860	.4870	.4869	.4898	.4921	.4903	.4920	.4941	.4871	.4912	.4895
220.				.5038	.4982		.4967	.4983	.5014	.5039	.5074	.5049	.4982	.5049
235.	.4834	.4970	.5087	.5113	.4974	.5134	.5082	.5048	.5127	.5128	.5126	.5108	.5107	.5134
250.			.5014	.5047	.5039	.5123	.5069	.5039	.5052	.5111	.5072	.5078	.5079	.5099
260.				.4385	.4429	.4325	.4470	.4487	.4393	.4470	.4471	.4480	.4482	.4479
270.		.2553	.2509	.2445	.2413	.2474	.2421	.2444	.2447	.2485	.2495	.2465	.2431	.2391
280.				.0200	.0172	.0137	.0127	.0092	.0041	.0003	.0031	.0025	-.0025	-.0045
290.			-.0675	-.0812	-.0867	-.0882	-.0873	-.0894	-.0897	-.0902	-.0832	-.0844	-.0863	-.0872
305.	-.0407	-.0368	-.0639	-.0738	-.0758	-.0752	-.0742	-.0774	-.0800	-.0807	-.0759	-.0769	-.0784	-.0790
320.				-.0574	-.0671		-.0709	-.0701	-.0684	-.0660	-.0589	-.0582	-.0562	-.0536
335.		-.0398	-.0516	-.0375	-.0299	-.0207	-.0142	-.0139	-.0107	-.0191	-.0215	-.0228	-.0241	-.0232
							FOR ALPHA = 20.50 DEG							
0.	-.0501	-.0350	-.0491	-.0369	-.0307	-.0300	-.0276	-.0278	-.0276		-.0247	-.0253	-.0261	-.0238
25.		-.0303	-.0475	-.0276	-.0283	-.0274	-.0228	-.0231	-.0182	-.0250	-.0196	-.0213	-.0208	-.0210
40.				-.1082	-.1107		-.1115	-.1110	-.1086	-.1044	-.0974	-.0993	-.0977	-.0986
55.	-.0637	-.0779	-.0982	-.1036	-.1066	-.1098	-.1103	-.1107	-.1091	-.1103	-.1058	-.1062	-.1066	-.1066
70.			-.0937	-.1038	-.0942	-.1048	-.1039	-.1048	-.1067	-.1081	-.1033	-.1041	-.1047	-.1047
80.				-.0861	-.0890	-.0837	-.0866	-.0878	-.0928	-.0961	-.0933	-.0944	-.0979	-.0986
90.		.0996	.0895	.0870	.0845	.0893	.0857	.0835	.0834	.0878	.0878	.0846	.0820	.0825
100.				.3187	.3152	.2957	.3134	.3189	.3177	.3217	.3216	.3197	.3172	.3244
110.			.4684	.4772	.4703	.4715	.4604	.4667	.4689	.4746	.4707	.4690	.4655	.4653
125.	.5314	.5418	.5569	.5552	.5476	.5542	.5479	.5542	.5549	.5586	.5551	.5581	.5573	.5611
140.				.5830	.5851		.5899	.5885	.5938	.5947	.5848	.5892	.5894	.5906
155.		.5920	.5985	.6001	.5984	.6079	.6018	.5971	.6092	.6024	.6074	.6080	.6059	.6070
180.	.6269	.6104	.6132	.6206	.6196	.6209	.6205	.6211	.6292		.6268	.6225	.6224	.6278
205.		.6277	.6403	.6263	.6309	.6325	.6422	.6354	.6400	.6349	.6327	.6284	.6410	.6380
220.				.6378	.6397		.6480	.6405	.6435	.6344	.6434	.6434	.6457	.6428
235.	.6054	.6276	.6323	.6304	.6328	.6448	.6372	.6369	.6416	.6417	.6432	.6464	.6418	.6466
250.			.5972	.5906	.6023	.6042	.6021	.6032	.6056	.5986	.6067	.6099	.6072	.6126
260.				.4711	.4809	.4631	.4846	.4872	.4777	.4832	.4830	.4888	.4926	.4917
270.		.2281	.2160	.2123	.2114	.2192	.2143	.2128	.2147	.2209	.2221	.2164	.2156	.2108
280.				-.0306	-.0349	-.0353	-.0350	-.0357	-.0405	-.0447	-.0427	-.0445	-.0494	-.0527
290.			-.1180	-.1302	-.1319	-.1323	-.1305	-.1320	-.1335	-.1333	-.1268	-.1237	-.1288	-.1295
305.	-.0873	-.0902	-.1137	-.1149	-.1179	-.1192	-.1158	-.1178	-.1196	-.1206	-.1146	-.1220	-.1158	-.1162
320.				-.1111	-.1237		-.1170	-.1184	-.1190	-.1205	-.1152	-.1187	-.1164	-.1166
335.		-.1016	-.1204	-.1149	-.1275	-.1294	-.1311	-.1306	-.1174	-.1303	-.1209	-.1239	-.1237	-.1244

TABLE IV. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.50 DEG								
0.	.0300	.0315	.0305	.0303	.0303	.0300	.0298	.0300	.0275	.0275	.0279	.0276	.0268	0.
25.	.0393	.0377	.0372	.0369	.0369	.0367	.0378	.0359		.0349	.0346	.0350	.0336	25.
40.	.0357	.0352	.0336	.0344	.0341	.0345	.0346	.0351	.0330	.0324	.0311	.0309	.0292	40.
55.	.0254	.0265	.0249	.0256		.0267	.0262	.0245	.0241	.0248	.0235	.0246	.0204	55.
70.	.0001	.0005	.0029	.0048	.0017	.0027	.0028	.0013	.0011	.0049	.0009	.0027	.0016	70.
80.		-.0024	-.0057	-.0090	-.0112	-.0056	-.0097	-.0057	-.0065	-.0052	-.0078	-.0069	-.0077	80.
90.	.1394	.1404	.1379	.1421	.1355	.1370	.1355	.1412	.1376	.1368	.1373	.1351	.1339	90.
100.		.2677	.2662	.2678	.2659	.2602	.2617	.2703	.2626	.2667	.2628	.2651	.2585	100.
110.	.3101	.3131	.3184	.3162	.3125	.3080	.3056	.3130	.3124	.3182	.3076	.3143	.3110	110.
125.	.3241	.3326	.3307	.3317		.3313	.3324	.3296	.3284	.3235	.3228	.3317	.3181	125.
140.	.3439	.3394	.3390	.3396	.3340	.3399	.3412	.3350	.3343	.3332	.3291	.3329	.3281	140.
155.	.3506	.3449	.3463	.3443	.3363	.3416	.3493	.3413		.3370	.3404	.3394	.3355	155.
180.	.3509	.3548	.3548	.3523	.3502	.3483	.3503	.3475	.3433	.3445	.3491	.3435	.3429	180.
205.	.3701	.3642	.3675	.3628	.3629	.3585	.3623	.3632		.3592	.3577	.3596	.3565	205.
220.	.3812	.3799	.3778	.3750	.3745	.3728	.3778	.3737	.3749	.3719	.3671	.3704	.3610	220.
235.	.3933	.3940	.3876	.3977		.3954	.3918	.3935	.3930	.3934	.3893	.3879	.3806	235.
250.	.4174	.4102	.4162	.4191	.4203	.4123	.4120	.4144	.4087	.4170	.4069	.4144	.4069	250.
260.		.4059	.3996	.4062	.4034	.4054	.4018	.4014	.3959	.4018	.3954	.4005	.3978	260.
270.	.2690	.2692	.2707	.2726	.2705	.2632	.2679	.2670	.2648	.2656	.2653	.2630	.2634	270.
280.		.0565	.0548	.0507	.0515	.0509	.0542	.0534	.0561	.0539	.0506	.0485	.0542	280.
290.	-.0126	-.0130	-.0103	-.0127	-.0121	-.0121	-.0086	-.0136	-.0098	-.0128	-.0148	-.0140	-.0102	290.
305.	-.0017	.0007	-.0024	.0009		-.0004	.0003	-.0015	-.0018	-.0043	-.0037	-.0044	-.0071	305.
320.	.0136	.0130	.0105	.0140	.0121	.0123	.0122	.0109	.0108	.0092	.0089	.0079	.0072	320.
335.	.0204	.0195	.0190	.0210	.0201	.0204	.0202	.0196		.0161	.0165	.0176	.0166	335.
						FOR ALPHA = 15.50 DEG								
0.	-.0068	-.0059	-.0067	-.0066	-.0057	-.0057	-.0051	-.0063	-.0071	-.0075	-.0072	-.0069	-.0073	0.
25.	.0035	.0029	.0027	.0023	.0022	.0022	.0031	.0017		.0000	.0002	.0031	.0021	25.
40.	-.0028	-.0045	-.0068	-.0072	-.0074	-.0080	-.0089	-.0071	-.0068	-.0079	-.0088	-.0068	-.0092	40.
55.	-.0582	-.0577	-.0592	-.0563		-.0539	-.0544	-.0497	-.0533	-.0526	-.0548	-.0539	-.0558	55.
70.	-.0795	-.0816	-.0831	-.0826	-.0829	-.0820	-.0826	-.0823	-.0843	-.0870	-.0878	-.0879	-.0906	70.
80.		-.0771	-.0795	-.0793	-.0811	-.0764	-.0779	-.0773	-.0787	-.0818	-.0843	-.0839	-.0859	80.
90.	.1075	.1055	.1072	.1096	.1102	.1063	.1076	.1098	.1095	.1065	.1056	.1052	.1018	90.
100.		.2952	.3001	.3002	.3013	.2927	.2969	.2970	.2906	.2970	.2987	.2936	.2965	100.
110.	.3863	.3881	.3894	.3905	.3959	.3932	.3946	.3903	.3892	.3921	.3914	.3921	.3899	110.
125.	.4363	.4415	.4394	.4439		.4370	.4400	.4446	.4409	.4333	.4334	.4348	.4238	125.
140.	.4630	.4669	.4573	.4629	.4540	.4551	.4539	.4504	.4554	.4569	.4518	.4546	.4461	140.
155.	.4712	.4697	.4721	.4673	.4667	.4676	.4751	.4655		.4601	.4604	.4685	.4609	155.
180.	.4836	.4848	.4812	.4820	.4785	.4814	.4784	.4767	.4716	.4720	.4744	.4697	.4699	180.
205.	.4982	.4987	.4971	.4977	.4961	.4948	.4999	.4911		.4844	.4822	.4869	.4858	205.
220.	.5108	.5116	.5038	.5059	.5050	.5036	.5056	.5014	.5032	.5008	.4957	.5004	.4925	220.
235.	.5158	.5233	.5150	.5190		.5136	.5136	.5135	.5149	.5214	.5133	.5062	.5035	235.
250.	.5129	.5128	.5144	.5148	.5190	.5145	.5098	.5144	.5114	.5124	.5082	.5102	.5050	250.
260.		.4513	.4556	.4558	.4552	.4515	.4508	.4503	.4511	.4488	.4447	.4402	.4405	260.
270.	.2417	.2440	.2412	.2455	.2403	.2363	.2377	.2397	.2367	.2381	.2353	.2297	.2329	270.
280.		-.0135	-.0188	-.0195	-.0208	-.0179	-.0209	-.0205	-.0200	-.0207	-.0235	-.0269	-.0295	280.
290.	-.0943	-.0945	-.0943	-.0936	-.0940	-.0935	-.0949	-.0962	-.0957	-.0955	-.0970	-.0976	-.0984	290.
305.	-.0884	-.0893	-.0907	-.0906		-.0919	-.0919	-.0927	-.0926	-.0976	-.0978	-.0972	-.0998	305.
320.	-.0567	-.0539	-.0549	-.0529	-.0479	-.0475	-.0481	-.0456	-.0435	-.0459	-.0476	-.0489	-.0470	320.
335.	-.0261	-.0276	-.0289	-.0285	-.0276	-.0290	-.0295	-.0309		-.0338	-.0345	-.0338	-.0334	335.
						FOR ALPHA = 20.50 DEG								
0.	-.0307	-.0295	-.0302	-.0299	-.0298	-.0297	-.0300	-.0305	-.0317	-.0318	-.0310	-.0311	-.0315	0.
25.	-.0269	-.0273	-.0286	-.0272	-.0267	-.0256	-.0239	-.0252		-.0275	-.0279	-.0267	-.0268	25.
40.	-.1095	-.1086	-.1097	-.1069	-.1041	-.1057	-.1069	-.1071	-.1082	-.1121	-.1125	-.1124	-.1141	40.
55.	-.1184	-.1166	-.1174	-.1163		-.1151	-.1146	-.1146	-.1154	-.1193	-.1196	-.1187	-.1210	55.
70.	-.1157	-.1164	-.1168	-.1173	-.1174	-.1160	-.1160	-.1151	-.1168	-.1207	-.1216	-.1217	-.1225	70.
80.		-.1111	-.1129	-.1139	-.1160	-.1124	-.1131	-.1122	-.1147	-.1206	-.1219	-.1216	-.1220	80.
90.	.0839	.0839	.0823	.0834	.0836	.0828	.0828	.0847	.0817	.0767	.0762	.0734	.0740	90.
100.		.3333	.3368	.3325	.3344	.3286	.3319	.3283	.3293	.3255	.3209	.3163	.3134	100.
110.	.4771	.4743	.4723	.4832	.4821	.4748	.4841	.4789	.4784	.4755	.4783	.4805	.4771	110.
125.	.5578	.5623	.5472	.5627		.5654	.5656	.5667	.5660	.5542	.5561	.5581	.5498	125.
140.	.5892	.5940	.5885	.5871	.5989	.5930	.5890	.5965	.5871	.5894	.5861	.5897	.5877	140.
155.	.6091	.6117	.6123	.6138	.6085	.6118	.6063	.6047		.6065	.6048	.6115	.6075	155.
180.	.6253	.6321	.6283	.6267	.6197	.6245	.6263	.6215	.6211	.6221	.6187	.6260	.6163	180.
205.	.6472	.6453	.6416	.6423	.6441	.6456	.6514	.6426		.6393	.6294	.6393	.6227	205.
220.	.6525	.6535	.6488	.6509	.6491	.6532	.6459	.6542	.6466	.6403	.6363	.6426	.6352	220.
235.	.6462	.6568	.6488	.6577		.6555	.6461	.6506	.6409	.6490	.6414	.6392	.6255	235.
250.	.6113	.6104	.6144	.6215	.6174	.6106	.6098	.6077	.6090	.6070	.6062	.6082	.6068	250.
260.		.4951	.4971	.5018	.4970	.4912	.4871	.4913	.4859	.4965	.4959	.4875	.4858	260.
270.	.2124	.2156	.2154	.2191	.2157	.2085	.2079	.2117	.2133	.2122	.2138	.2115	.2080	270.
280.		-.0621	-.0668	-.0670	-.0676	-.0659	-.0678	-.0676	-.0686	-.0731	-.0732	-.0726	-.0749	280.
290.	-.1402	-.1403	-.1405	-.1402	-.1406	-.1386	-.1396	-.1389	-.1410	-.1447	-.1439	-.1433	-.1441	290.
305.	-.1281	-.1279	-.1289	-.1294		-.1261	-.1265	-.1270	-.1273	-.1305	-.1304	-.1291	-.1303	305.
320.	-.1267	-.1267	-.1274	-.1255	-.1238	-.1238	-.1239	-.1238	-.1238	-.1262	-.1264	-.1261	-.1267	320.
335.	-.1346	-.1357	-.1372	-.1364	-.1346	-.1345	-.1337	-.1357		-.1397	-.1410	-.1406	-.1414	335.

TABLE IV. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -4.50 DEG							
0.	.2275	.2184	.2098	.2183	.2163	.2147	.2157	.2162	.2154		.2119	.2098	.2074	.2116
25.		.2104	.2046	.2043	.2005	.2043	.2086	.2018	.2047	.2031	.2039	.2018	.2000	.2017
40.				.2020	.2005		.2001	.1996	.1993	.1972	.1987	.1971	.1963	.1969
55.	.1933	.2031	.1824	.1997	.1903	.1957	.1938	.1939	.1932	.1946	.1955	.1937	.1909	.1922
70.			.1783	.1947	.1840	.1906	.1909	.1901	.1892	.1870	.1903	.1902	.1910	-.1319
80.				.1797	.1811	.1773	.1866	.1824	.1775	.1783	.1797	.1831	.1823	-.1319
90.		.1615	.1501	.1538	.1535	.1529	.1523	.1524	.1493	.1877	.1550	.1520	.1508	.1489
100.				.1073	.1077	.1045	.1076	.1055	.1035	.1027	.1054	.1062	.1030	.1012
110.			.0864	.0855	.0882	.0880	.0897	.0873	.0877	.0858	.0906	.0887	.0873	.0886
125.	.0891	.0970	.0792	.0811	.0824	.0853	.0874	.0861	.0872	.0843	.0854	.0863	.0859	.0853
140.				.0814	.0828		.0892	.0857	.0884	.0849	.0849	.0839	.0845	.0843
155.		.0993	.0797	.0807	.0812	.0870	.0893	.0866	.0905	.0859	.0871	.0832	.0845	.0826
180.	.0939	.0922	.0781	.0826	.0828	.0847	.0859	.0846	.0873		.0841	.0822	.0818	.0828
205.		.0904	.0769	.0842	.0846	.0855	.0862	.0850	.0892	.0833	.0834	.0808	.0804	.0867
220.				.0872	.0882		.0863	.0871	.0896	.0864	.0852	.0868	.0848	.0904
235.	.1020	.1052	.0897	.0985	.0950	.0953	.0957	.0945	.0959	.0971	.0975	.0996	.0989	.0949
250.			.1392	.1367	.1366	.1347	.1333	.1365	.1354	.1355	.1383	.1344	.1354	.1361
260.				.2315	.2292	.2289	.2282	.2277	.2239	.2192	.2233	.2194	.2153	.2145
270.		.3585	.3456	.3517	.3437	.3483	.3480	.3506	.3505	.3558	.3539	.3465	.3475	.3425
280.				.3560	.3552	.3588	.3620	.3569	.3594	.3595	.3578	.3540	.3525	.3489
290.			.3094	.3063	.3074	.3086	.3083	.3062	.3140	.3102	.3108	.3030	.3102	.3123
305.	.2629	.2710	.2584	.2649	.2591	.2675	.2597	.2617	.2644	.2671	.2646	.2632	.2636	.2609
320.				.2470	.2386		.2381	.2371	.2410	.2373	.2364	.2357	.2388	.2365
335.		.2343	.2270	.2334	.2332	.2290	.2272	.2261	.2286	.2291	.2243	.2220	.2235	.2239
							FOR ALPHA = -2.50 DEG							
0.	.1886	.1818	.1721	.1791	.1785	.1777	.1822	.1809	.1838		.1775	.1768	.1729	.1760
25.		.1744	.1633	.1685	.1712	.1720	.1727	.1737	.1741	.1701	.1692	.1673	.1688	.1684
40.				.1672	.1667		.1692	.1692	.1680	.1664	.1648	.1679	.1654	.1645
55.	.1635	.1758	.1545	.1647	.1655	.1676	.1645	.1641	.1663	.1652	.1668	.1654	.1638	.1642
70.			.1569	.1678	.1664	.1681	.1656	.1691	.1666	.1644	.1679	.1650	.1671	.1650
80.				.1679	.1672	.1646	.1730	.1702	.1681	.1674	.1669	.1696	.1697	.1683
90.		.1669	.1554	.1622	.1601	.1620	.1603	.1628	.1622	.1617	.1598	.1608	.1598	.1584
100.				.1340	.1331	.1361	.1332	.1319	.1309	.1346	.1314	.1317	.1317	.1268
110.			.1091	.1155	.1118	.1180	.1156	.1161	.1154	.1171	.1154	.1137	.1160	.1148
125.	.1112	.1210	.1009	.1087	.1058	.1141	.1097	.1082	.1091	.1123	.1081	.1081	.1070	.1099
140.				.1032	.1054		.1110	.1095	.1071	.1095	.1072	.1074	.1065	.1078
155.		.1219	.1046	.1041	.1083	.1114	.1113	.1106	.1115	.1103	.1077	.1069	.1063	.1078
180.	.1180	.1151	.1005	.1072	.1112	.1097	.1109	.1112	.1109		.1079	.1062	.1045	.1092
205.		.1186	.1025	.1135	.1137	.1117	.1120	.1131	.1160	.1108	.1138	.1104	.1109	.1092
220.				.1210	.1193		.1172	.1187	.1212	.1202	.1189	.1172	.1172	.1144
235.	.1350	.1403	.1299	.1309	.1290	.1332	.1350	.1329	.1350	.1348	.1355	.1335	.1355	.1328
250.			.1737	.1760	.1770	.1804	.1797	.1768	.1826	.1770	.1788	.1753	.1782	.1810
260.				.2645	.2645	.2647	.2638	.2608	.2628	.2601	.2605	.2576	.2577	.2570
270.		.3614	.3550	.3569	.3480	.3516	.3505	.3574	.3558	.3590	.3542	.3511	.3490	.3487
280.				.3304	.3279	.3295	.3304	.3305	.3252	.3252	.3243	.3274	.3273	.3241
290.			.2745	.2709	.2688	.2668	.2695	.2713	.2709	.2648	.2650	.2654	.2674	.2728
305.	.2186	.2268	.2232	.2264	.2216	.2208	.2178	.2232	.2225	.2236	.2189	.2233	.2173	.2178
320.				.2105	.2069		.2022	.2026	.2037	.1971	.1964	.1998	.1973	.1944
335.		.1966	.1877	.1947	.1965	.1853	.1927	.1917	.1939	.1868	.1915	.1907	.1845	.1849
							FOR ALPHA = -1.50 DEG							
0.	.1721	.1646	.1525	.1636	.1618	.1618	.1617	.1631	.1654		.1580	.1602	.1562	.1613
25.		.1591	.1474	.1532	.1579	.1561	.1563	.1584	.1589	.1541	.1545	.1519	.1541	.1546
40.				.1513	.1496		.1534	.1543	.1547	.1535	.1501	.1531	.1534	.1530
55.	.1497	.1614	.1371	.1499	.1516	.1541	.1515	.1503	.1531	.1537	.1510	.1540	.1523	.1539
70.			.1442	.1551	.1587	.1578	.1538	.1565	.1569	.1561	.1553	.1539	.1570	.1572
80.				.1600	.1608	.1609	.1627	.1637	.1615	.1636	.1620	.1593	.1621	.1605
90.		.1672	.1583	.1655	.1613	.1647	.1614	.1653	.1641	.1660	.1651	.1631	.1636	.1620
100.				.1462	.1440	.1453	.1440	.1459	.1458	.1447	.1427	.1466	.1441	.1429
110.			.1269	.1267	.1256	.1281	.1304	.1302	.1295	.1276	.1266	.1288	.1298	.1288
125.	.1211	.1313	.1146	.1168	.1184	.1214	.1247	.1225	.1219	.1226	.1189	.1228	.1227	.1211
140.				.1150	.1218		.1241	.1202	.1205	.1191	.1200	.1212	.1198	.1186
155.		.1340	.1174	.1194	.1230	.1210	.1269	.1207	.1238	.1180	.1223	.1199	.1190	.1202
180.	.1299	.1280	.1139	.1226	.1237	.1218	.1250	.1248	.1260		.1220	.1196	.1184	.1215
205.		.1311	.1159	.1293	.1270	.1273	.1274	.1292	.1317	.1283	.1272	.1235	.1260	.1245
220.				.1386	.1359		.1336	.1350	.1391	.1368	.1339	.1345	.1337	.1319
235.	.1519	.1557	.1523	.1520	.1495	.1545	.1501	.1488	.1533	.1542	.1515	.1540	.1511	.1491
250.			.1980	.1971	.2004	.2009	.1973	.1985	.2017	.2004	.2012	.1980	.1971	.1990
260.				.2806	.2810	.2828	.2787	.2789	.2751	.2754	.2756	.2741	.2748	.2745
270.		.3615	.3516	.3590	.3481	.3558	.3520	.3576	.3549	.3581	.3595	.3511	.3510	.3532
280.				.3123	.3103	.3170	.3130	.3098	.3129	.3103	.3045	.3063	.3031	.3052
290.			.2524	.2498	.2456	.2540	.2437	.2483	.2485	.2465	.2447	.2440	.2438	.2448
305.	.2024	.2068	.1997	.2042	.2026	.2065	.1952	.1991	.2002	.2048	.1974	.1989	.1998	.1969
320.				.1867	.1847		.1792	.1831	.1835	.1842	.1736	.1760	.1758	.1754
335.		.1762	.1687	.1756	.1723	.1697	.1736	.1730	.1779	.1740	.1644	.1636	.1642	.1668

TABLE IV. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.50 DEG								
0.	.2132	.2148	.2134	.2122	.2127	.2125	.2149	.2049	.2097	.2110	.2079	.2096	.2104	0.
25.	.2076	.2057	.2037	.2051	.2021	.2063	.2083	.1982		.2014	.2007	.2024	.1992	25.
40.	.2024	.2055	.2018	-.2477	.2002	.2029	.1972	.1982	.1981	.1973	.1962	.1938	.1922	40.
55.	.1917	.2003	.1954	-.2477		.1964	.1951	.1939	.1924	.1936	.1911	.1897	.1831	55.
70.	.1923	.1933	.1904	.1918	.1914	.1893	.1909	.1884	.1919	.1934	.1902	.1932	.1918	70.
80.		.1831	.1810	.1813	.1813	.1823	.1835	.1827	.1818	.1903	.1877	.1845	.2108	80.
90.	.1483	.1499	.1462	.1525	.1498	.1493	.1513	.1505	.1507	.1516	.1496	.1463	.1801	90.
100.		.1018	.0930	.0982	.1021	.1048	.1029	.1032	.1007	.0996	.0943	.0913	.0932	100.
110.	.0882	.0865	.0865	.0867	.0861	.0898	.0886	.0891	.0863	.0841	.0802	.0803	.0800	110.
125.	.0841	.0868	.0820	.0838		.0830	.0793	.0840	.0837	.0834	.0792	.0767	.0715	125.
140.	.0862	.0856	.0811	.0830	.0835	.0833	.0813	.0812	.0797	.0806	.0791	.0801	.0764	140.
155.	.0854	.0847	.0829	.0824	.0829	.0837	.0832	.0814		.0782	.0756	.0808	.0783	155.
180.	.0822	.0836	.0808	.0803	.0798	.0793	.0789	.0793	.0786	.0781	.0772	.0777	.0753	180.
205.	.0845	.0838	.0818	.0804	.0812	.0810	.0800	.0782		.0747	.0749	.0777	.0750	205.
220.	.0875	.0863	.0840	.0843	.0851	.0845	.0830	.0839	.0804	.0788	.0774	.0774	.0763	220.
235.	.0982	.1007	.0960	.0989		.0969	.0968	.0953	.0919	.0916	.0939	.0900	.0874	235.
250.	.1434	.1417	.1435	.1451	.1386	.1358	.1383	.1351	.1374	.1390	.1399	.1411	.1352	250.
260.		.2164	.2170	.2158	.2136	.2136	.2198	.2137	.2178	.2217	.2142	.2167	.2109	260.
270.	.3436	.3473	.3476	.3525	.3480	.3441	.3463	.3453	.3444	.3496	.3475	.3440	.3400	270.
280.		.3550	.3485	.3524	.3515	.3538	.3522	.3576	.3542	.3556	.3497	.3567	.3557	280.
290.	.3105	.3043	.3074	.3096	.3139	.3073	.3094	.3098	.3131	.3134	.3079	.3143	.3102	290.
305.	.2642	.2656	.2597	.2577		.2625	.2594	.2609	.2591	.2622	.2594	.2622	.2549	305.
320.	.2431	.2383	.2401	.2414	.2370	.2367	.2370	.2382	.2409	.2351	.2342	.2351	.2347	320.
335.	.2289	.2263	.2272	.2263	.2264	.2255	.2280	.2191		.2149	.2176	.2217	.2188	335.
						FOR ALPHA = -2.50 DEG								
0.	.1765	.1813	.1764	.1752	.1769	.1767	.1776	.1770	.1727	.1753	.1761	.1761	.1729	0.
25.	.1749	.1724	.1706	.1707	.1689	.1733	.1726	.1693		.1671	.1671	.1676	.1665	25.
40.	.1725	.1707	.1683	.1665	.1675	.1671	.1693	.1679	.1666	.1646	.1627	.1637	.1603	40.
55.	.1639	.1714	.1649	.1664		.1668	.1673	.1648	.1644	.1619	.1631	.1599	.1540	55.
70.	.1680	.1674	.1714	.1703	.1680	.1646	.1652	.1652	.1663	.1684	.1662	.1701	.1670	70.
80.		.1720	.1700	.1675	.1668	.1656	.1718	.1699	.1684	.1744	.1721	.1713	.1658	80.
90.	.1607	.1585	.1563	.1581	.1613	.1590	.1600	.1606	.1610	.1633	.1606	.1612	.1561	90.
100.		.1296	.1249	.1198	.1326	.1308	.1327	.1305	.1324	.1326	.1277	.1273	.1211	100.
110.	.1152	.1128	.1144	.1129	.1154	.1112	.1153	.1145	.1190	.1143	.1122	.1103	.1086	110.
125.	.1077	.1120	.1066	.1047		.1066	.1055	.1025	.1089	.1073	.1080	.1046	.0990	125.
140.	.1089	.1097	.1081	.1059	.1056	.1048	.1057	.1047	.1053	.1006	.1007	.1021	.1040	140.
155.	.1061	.1075	.1066	.1091	.1062	.1070	.1064	.1012		.1021	.1008	.1003	.1022	155.
180.	.1068	.1084	.1065	.1070	.1058	.1054	.1056	.1034	.1010	.1000	.1022	.1020	.1012	180.
205.	.1128	.1103	.1119	.1102	.1107	.1101	.1113	.1076		.1021	.1025	.1042	.1037	205.
220.	.1183	.1174	.1159	.1176	.1150	.1131	.1146	.1145	.1129	.1136	.1119	.1104	.1064	220.
235.	.1356	.1368	.1341	.1359		.1349	.1335	.1323	.1327	.1328	.1292	.1291	.1211	235.
250.	.1815	.1757	.1800	.1823	.1788	.1847	.1838	.1819	.1806	.1843	.1786	.1859	.1787	250.
260.		.2569	.2517	.2533	.2568	.2591	.2566	.2593	.2532	.2555	.2511	.2574	.2518	260.
270.	.3493	.3563	.3532	.3590	.3544	.3508	.3529	.3517	.3513	.3531	.3547	.3546	.3484	270.
280.		.3296	.3232	.3252	.3223	.3258	.3289	.3263	.3234	.3221	.3231	.3255	.3267	280.
290.	.2634	.2707	.2733	.2749	.2679	.2669	.2754	.2705	.2727	.2711	.2706	.2712	.2693	290.
305.	.2196	.2287	.2240	.2262		.2275	.2243	.2225	.2174	.2216	.2236	.2198	.2128	305.
320.	.1989	.2011	.1995	.2050	.1942	.2027	.2012	.2010	.1961	.1946	.1987	.1959	.1948	320.
335.	.1873	.1888	.1856	.1882	.1873	.1923	.1926	.1892		.1866	.1851	.1869	.1814	335.
						FOR ALPHA = -1.50 DEG								
0.	.1584	.1624	.1610	.1613	.1590	.1607	.1615	.1594	.1569	.1575	.1593	.1605	.1583	0.
25.	.1562	.1580	.1567	.1585	.1559	.1518	.1569	.1529		.1493	.1506	.1531	.1525	25.
40.	.1553	.1552	.1544	.1549	.1526	.1509	.1543	.1524	.1505	.1498	.1475	.1491	.1473	40.
55.	.1530	.1522	.1509	.1518		.1508	.1526	.1520	.1516	.1483	.1484	.1475	.1432	55.
70.	.1566	.1532	.1581	.1579	.1553	.1537	.1531	.1539	.1561	.1529	.1557	.1583	.1571	70.
80.		.1623	.1625	.1612	.1613	.1580	.1619	.1631	.1635	.1657	.1632	.1637	.1606	80.
90.	.1616	.1634	.1602	.1628	.1631	.1599	.1641	.1638	.1651	.1650	.1646	.1637	.1607	90.
100.		.1434	.1361	.1338	.1385	.1464	.1447	.1432	.1425	.1406	.1434	.1425	.1362	100.
110.	.1262	.1280	.1252	.1251	.1201	.1262	.1293	.1278	.1292	.1253	.1273	.1285	.1217	110.
125.	.1186	.1251	.1199	.1198		.1192	.1155	.1155	.1176	.1212	.1204	.1184	.1117	125.
140.	.1186	.1219	.1207	.1195	.1161	.1201	.1156	.1163	.1135	.1159	.1139	.1147	.1150	140.
155.	.1181	.1207	.1210	.1205	.1185	.1209	.1205	.1169		.1150	.1121	.1142	.1120	155.
180.	.1200	.1224	.1200	.1192	.1183	.1198	.1202	.1176	.1142	.1158	.1144	.1151	.1135	180.
205.	.1250	.1262	.1246	.1243	.1247	.1257	.1275	.1232		.1187	.1174	.1214	.1185	205.
220.	.1352	.1357	.1328	.1326	.1328	.1316	.1340	.1335	.1326	.1282	.1264	.1278	.1245	220.
235.	.1524	.1563	.1530	.1541		.1542	.1527	.1546	.1524	.1495	.1498	.1477	.1436	235.
250.	.2057	.1990	.2054	.2062	.2044	.1996	.2005	.2038	.2038	.2003	.2018	.2009	.1997	250.
260.		.2742	.2695	.2756	.2769	.2730	.2769	.2764	.2778	.2749	.2718	.2729	.2699	260.
270.	.3502	.3547	.3544	.3594	.3570	.3516	.3552	.3524	.3541	.3541	.3537	.3537	.3506	270.
280.		.3068	.3092	.3066	.3126	.3053	.3130	.3088	.3081	.3105	.3083	.3133	.3043	280.
290.	.2498	.2505	.2520	.2573	.2553	.2455	.2508	.2480	.2557	.2496	.2493	.2558	.2505	290.
305.	.1979	.2051	.1991	.2048		.2030	.2051	.2019	.2040	.1981	.2022	.1990	.1942	305.
320.	.1809	.1838	.1808	.1800	.1792	.1829	.1815	.1851	.1834	.1751	.1772	.1769	.1780	320.
335.	.1696	.1676	.1717	.1706	.1680	.1714	.1706	.1695		.1658	.1660	.1694	.1689	335.

TABLE IV. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -.50 DEG								
0.	.1557	.1505	.1382	.1457	.1492	.1454	.1470	.1472	.1508		.1453	.1437	.1427	.1452
25.		.1486	.1340	.1356	.1435	.1411	.1420	.1415	.1438	.1402	.1383	.1382	.1398	.1385
40.				.1336	.1409		.1391	.1404	.1416	.1384	.1394	.1388	.1390	.1375
55.	.1374	.1513	.1272	.1342	.1355	.1412	.1364	.1375	.1399	.1390	.1400	.1411	.1389	.1393
70.			.1342	.1434	.1497	.1436	.1446	.1442	.1445	.1429	.1442	.1422	.1447	.1450
80.				.1499	.1517	.1506	.1553	.1550	.1527	.1538	.1513	.1538	.1535	.1528
90.		.1693	.1574	.1665	.1587	.1657	.1638	.1653	.1654	.1662	.1665	.1640	.1644	.1634
100.				.1557	.1530	.1561	.1551	.1577	.1539	.1529	.1526	.1553	.1562	.1537
110.			.1359	.1389	.1412	.1447	.1408	.1438	.1403	.1418	.1405	.1393	.1475	.1405
125.	.1362	.1445	.1248	.1279	.1337	.1389	.1337	.1352	.1343	.1359	.1318	.1360	.1336	.1324
140.				.1278	.1368		.1352	.1330	.1363	.1350	.1310	.1340	.1315	.1333
155.		.1433	.1287	.1331	.1359	.1372	.1381	.1333	.1391	.1354	.1326	.1326	.1313	.1331
180.	.1440	.1398	.1278	.1366	.1381	.1363	.1383	.1376	.1405		.1351	.1340	.1330	.1383
205.		.1458	.1309	.1430	.1443	.1422	.1427	.1435	.1473	.1466	.1436	.1391	.1404	.1416
220.				.1530	.1543		.1506	.1525	.1554	.1549	.1511	.1514	.1508	.1468
235.	.1671	.1752	.1716	.1694	.1679	.1765	.1706	.1683	.1720	.1753	.1737	.1730	.1724	.1686
250.			.2199	.2194	.2195	.2237	.2196	.2196	.2226	.2165	.2202	.2206	.2173	.2190
260.				.2971	.2970	.3008	.3017	.2978	.2968	.2922	.2884	.2918	.2889	.2917
270.		.3620	.3563	.3556	.3495	.3543	.3537	.3586	.3556	.3584	.3590	.3526	.3521	.3515
280.				.2991	.2983	.2961	.3025	.2967	.2952	.2947	.2925	.2927	.2875	.2916
290.			.2305	.2260	.2276	.2314	.2305	.2237	.2295	.2257	.2266	.2230	.2208	.2311
305.	.1857	.1910	.1801	.1821	.1794	.1862	.1834	.1813	.1831	.1802	.1836	.1823	.1810	.1811
320.				.1660	.1674		.1656	.1617	.1659	.1644	.1631	.1587	.1605	.1594
335.		.1630	.1443	.1540	.1589	.1541	.1558	.1545	.1580	.1556	.1555	.1506	.1517	.1490
						FOR ALPHA = .50 DEG								
0.	.1418	.1350	.1231	.1310	.1323	.1319	.1307	.1348	.1346		.1302	.1304	.1267	.1304
25.		.1361	.1201	.1196	.1291	.1276	.1286	.1302	.1306	.1257	.1250	.1272	.1256	.1247
40.				.1188	.1273		.1272	.1286	.1273	.1258	.1262	.1256	.1252	.1239
55.	.1255	.1399	.1151	.1227	.1231	.1278	.1236	.1279	.1273	.1267	.1279	.1275	.1260	.1256
70.			.1230	.1315	.1410	.1312	.1319	.1318	.1328	.1311	.1331	.1299	.1331	.1330
80.				.1440	.1422	.1410	.1458	.1444	.1443	.1446	.1440	.1450	.1440	.1492
90.		.1679	.1580	.1647	.1573	.1640	.1620	.1648	.1653	.1665	.1652	.1632	.1645	.1650
100.				.1637	.1609	.1608	.1658	.1637	.1596	.1607	.1561	.1616	.1672	.1639
110.			.1439	.1516	.1517	.1512	.1496	.1534	.1487	.1508	.1495	.1475	.1598	.1538
125.	.1471	.1591	.1354	.1419	.1454	.1489	.1434	.1467	.1467	.1457	.1452	.1440	.1419	.1438
140.				.1418	.1491		.1483	.1472	.1476	.1432	.1413	.1436	.1405	.1433
155.		.1546	.1391	.1462	.1502	.1483	.1506	.1482	.1504	.1471	.1441	.1442	.1438	.1433
180.	.1578	.1522	.1399	.1493	.1513	.1494	.1522	.1525	.1550		.1494	.1470	.1472	.1497
205.		.1609	.1447	.1582	.1600	.1580	.1626	.1593	.1636	.1601	.1604	.1564	.1600	.1577
220.				.1701	.1714		.1681	.1675	.1732	.1719	.1688	.1668	.1694	.1684
235.	.1850	.1907	.1843	.1861	.1870	.1918	.1901	.1882	.1938	.1927	.1895	.1931	.1911	.1893
250.			.2393	.2333	.2380	.2426	.2415	.2374	.2434	.2396	.2345	.2400	.2400	.2400
260.				.3108	.3134	.3131	.3151	.3163	.3119	.3090	.3038	.3094	.3078	.3057
270.		.3639	.3521	.3549	.3484	.3547	.3541	.3599	.3587	.3568	.3574	.3487	.3537	.3520
280.				.2837	.2786	.2838	.2841	.2802	.2775	.2772	.2798	.2726	.2802	.2721
290.			.2049	.2061	.2061	.2089	.2063	.2052	.2090	.2072	.2105	.2030	.2102	.2067
305.	.1673	.1722	.1627	.1652	.1603	.1617	.1629	.1620	.1598	.1636	.1636	.1646	.1640	.1611
320.				.1541	.1475		.1455	.1458	.1472	.1454	.1432	.1437	.1443	.1447
335.		.1445	.1262	.1444	.1399	.1386	.1356	.1405	.1416	.1352	.1380	.1350	.1336	.1360
						FOR ALPHA = 1.50 DEG								
0.	.1280	.1249	.1092	.1211	.1210	.1196	.1193	.1182	.1194		.1173	.1192	.1140	.1169
25.														
40.														
55.														
70.														
80.														
90.		.1751	.1666	.1715	.1679	.1714	.1680	.1689	.1684	.1691	.1683	.1650	.1674	.1631
100.				.1719	.1715	.1700	.1767	.1731	.1727	.1698	.1691	.1684	.1733	.1680
110.			.1547	.1652	.1652	.1670	.1664	.1643	.1639	.1647	.1642	.1600	.1691	.1678
125.	.1603	.1733	.1492	.1558	.1598	.1635	.1607	.1584	.1614	.1594	.1599	.1577	.1650	.1630
140.				.1607	.1639		.1637	.1617	.1630	.1609	.1601	.1589	.1620	.1610
155.		.1719	.1549	.1616	.1652	.1648	.1655	.1625	.1656	.1623	.1632	.1594	.1603	.1604
180.	.1752	.1697	.1563	.1686	.1661	.1671	.1671	.1696	.1705		.1677	.1653	.1627	.1630
205.		.1771	.1620	.1761	.1752	.1743	.1771	.1787	.1805	.1767	.1771	.1733	.1812	.1726
220.				.1874	.1840		.1891	.1879	.1934	.1871	.1858	.1853	.1876	.1861
235.	.2048	.2115	.1986	.2068	.2041	.2101	.2095	.2078	.2149	.2100	.2099	.2117	.2097	.2070
250.			.2567	.2547	.2581	.2586	.2591	.2594	.2665	.2600	.2583	.2567	.2607	.2616
260.				.3225	.3270	.3249	.3292	.3311	.3280	.3245	.3210	.3225	.3215	.3177
270.		.3616	.3537	.3553	.3483	.3518	.3510	.3572	.3547	.3585	.3574	.3514	.3442	.3505
280.				.2693	.2637	.2686	.2631	.2611	.2590	.2651	.2600	.2592	.2548	.2553
290.			.1924	.1884	.1858	.1893	.1888	.1855	.1903	.1883	.1889	.1842	.1855	.1885
305.	.1513	.1525	.1454	.1460	.1414	.1464	.1459	.1449	.1433	.1465	.1440	.1452	.1444	.1470
320.				.1322	.1297		.1287	.1294	.1306	.1295	.1286	.1277	.1298	.1298
335.		.1303	.1118	.1252	.1237	.1245	.1241	.1241	.1262	.1229	.1241	.1213	.1207	.1227

TABLE IV. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.50 DEG								
0.	.1460	.1462	.1450	.1445	.1434	.1432	.1435	.1451	.1415	.1412	.1419	.1427	.1421	0.
25.	.1428	.1430	.1416	.1422	.1379	.1399	.1422	.1392		.1343	.1366	.1395	.1365	25.
40.	.1404	.1406	.1394	.1399	.1375	.1367	.1379	.1373	.1365	.1333	.1340	.1352	.1318	40.
55.	.1361	.1410	.1374	.1393		.1371	.1391	.1391	.1369	.1370	.1348	.1340	.1283	55.
70.	.1436	.1415	.1437	.1445	.1434	.1392	.1416	.1418	.1418	.1422	.1432	.1454	.1434	70.
80.		.1523	.1525	.1530	.1519	.1523	.1523	.1519	.1517	.1568	.1544	.1540	.1511	80.
90.	.1649	.1643	.1623	.1635	.1636	.1609	.1645	.1649	.1651	.1657	.1651	.1647	.1617	90.
100.		.1530	.1482	.1485	.1544	.1538	.1573	.1535	.1545	.1541	.1517	.1550	.1480	100.
110.	.1410	.1400	.1381	.1400	.1369	.1362	.1422	.1402	.1429	.1390	.1407	.1408	.1362	110.
125.	.1316	.1375	.1322	.1328		.1312	.1285	.1314	.1339	.1315	.1337	.1306	.1276	125.
140.	.1341	.1348	.1329	.1316	.1313	.1323	.1286	.1308	.1296	.1256	.1275	.1271	.1283	140.
155.	.1326	.1355	.1319	.1317	.1317	.1351	.1344	.1305		.1269	.1253	.1304	.1281	155.
180.	.1340	.1371	.1336	.1338	.1330	.1349	.1343	.1322	.1298	.1292	.1283	.1296	.1298	180.
205.	.1438	.1418	.1411	.1416	.1397	.1408	.1412	.1401		.1350	.1347	.1368	.1358	205.
220.	.1524	.1546	.1493	.1511	.1480	.1482	.1501	.1513	.1534	.1476	.1441	.1454	.1441	220.
235.	.1690	.1753	.1704	.1738		.1733	.1738	.1727	.1744	.1707	.1695	.1671	.1587	235.
250.	.2226	.2208	.2234	.2244	.2285	.2202	.2221	.2236	.2270	.2277	.2223	.2256	.2196	250.
260.		.2949	.2916	.2912	.2978	.2908	.2950	.2959	.2887	.2955	.2909	.2910	.2855	260.
270.	.3536	.3566	.3577	.3615	.3563	.3546	.3557	.3556	.3530	.3555	.3555	.3552	.3506	270.
280.		.3000	.2882	.2916	.2976	.2957	.2908	.2950	.2935	.2947	.2896	.2909	.2940	280.
290.	.2329	.2283	.2302	.2337	.2355	.2337	.2335	.2318	.2299	.2356	.2299	.2344	.2304	290.
305.	.1816	.1864	.1802	.1874		.1888	.1815	.1823	.1839	.1848	.1786	.1802	.1746	305.
320.	.1637	.1632	.1583	.1668	.1634	.1629	.1614	.1635	.1646	.1635	.1604	.1609	.1556	320.
335.	.1561	.1542	.1528	.1555	.1530	.1539	.1532	.1542		.1529	.1479	.1516	.1509	335.
						FOR ALPHA = .50 DEG								
0.	.1302	.1321	.1301	.1299	.1297	.1282	.1319	.1290	.1269	.1246	.1297	.1281	.1248	0.
25.	.1288	.1281	.1268	.1268	.1264	.1258	.1284	.1250		.1210	.1242	.1247	.1231	25.
40.	.1272	.1267	.1260	.1262	.1238	.1235	.1268	.1242	.1220	.1202	.1239	.1216	.1186	40.
55.	.1251	.1281	.1246	.1265		.1251	.1271	.1250	.1238	.1236	.1218	.1210	.1155	55.
70.	.1314	.1296	.1336	.1329	.1302	.1260	.1322	.1296	.1299	.1306	.1295	.1324	.1299	70.
80.		.1430	.1433	.1421	.1421	.1421	.1428	.1418	.1416	.1473	.1431	.1440	.1418	80.
90.	.1627	.1627	.1630	.1626	.1628	.1611	.1628	.1631	.1651	.1649	.1661	.1645	.1623	90.
100.		.1628	.1590	.1583	.1572	.1598	.1639	.1607	.1618	.1610	.1590	.1640	.1597	100.
110.	.1517	.1503	.1523	.1520	.1475	.1439	.1532	.1514	.1520	.1513	.1488	.1498	.1489	110.
125.	.1414	.1472	.1454	.1455		.1434	.1422	.1417	.1398	.1403	.1449	.1392	.1388	125.
140.	.1459	.1454	.1458	.1454	.1430	.1440	.1432	.1422	.1407	.1364	.1397	.1393	.1385	140.
155.	.1468	.1468	.1440	.1451	.1414	.1444	.1478	.1444		.1405	.1400	.1419	.1381	155.
180.	.1476	.1505	.1470	.1484	.1462	.1476	.1492	.1479	.1440	.1435	.1438	.1437	.1424	180.
205.	.1593	.1589	.1568	.1576	.1560	.1589	.1594	.1566		.1522	.1498	.1541	.1519	205.
220.	.1681	.1711	.1678	.1694	.1661	.1699	.1669	.1695	.1681	.1662	.1634	.1662	.1610	220.
235.	.1882	.1963	.1918	.1933		.1920	.1882	.1924	.1920	.1911	.1867	.1877	.1817	235.
250.	.2417	.2461	.2450	.2457	.2432	.2433	.2428	.2468	.2445	.2441	.2446	.2443	.2416	250.
260.		.3138	.3034	.3089	.3117	.3111	.3082	.3110	.3120	.3051	.3085	.3120	.3030	260.
270.	.3528	.3602	.3582	.3617	.3568	.3550	.3570	.3530	.3546	.3560	.3568	.3564	.3498	270.
280.		.2778	.2752	.2755	.2768	.2760	.2766	.2795	.2773	.2827	.2747	.2804	.2723	280.
290.	.2126	.2042	.2160	.2145	.2090	.2123	.2139	.2076	.2127	.2145	.2132	.2149	.2106	290.
305.	.1659	.1651	.1701	.1661		.1660	.1649	.1638	.1627	.1632	.1628	.1624	.1576	305.
320.	.1493	.1457	.1485	.1462	.1459	.1414	.1472	.1464	.1429	.1445	.1433	.1402	.1404	320.
335.	.1398	.1391	.1389	.1368	.1387	.1354	.1439	.1364		.1340	.1332	.1349	.1332	335.
						FOR ALPHA = 1.50 DEG								
0.	.1162	.1176	.1171	.1171	.1169	.1155	.1165	.1148	.1159	.1141	.1144	.1142	.1132	0.
25.														25.
40.														40.
55.														55.
70.														70.
80.														80.
90.	.1649	.1664	.1632	.1672	.1689	.1683	.1688	.1658	.1655	.1678	.1659	.1650	.1616	90.
100.		.1727	.1686	.1676	.1700	.1734	.1708	.1716	.1724	.1734	.1687	.1714	.1694	100.
110.	.1667	.1636	.1635	.1644	.1618	.1583	.1622	.1643	.1640	.1659	.1609	.1671	.1626	110.
125.	.1593	.1616	.1598	.1609		.1583	.1561	.1556	.1571	.1598	.1578	.1550	.1531	125.
140.	.1627	.1607	.1604	.1607	.1595	.1584	.1574	.1578	.1566	.1549	.1517	.1550	.1530	140.
155.	.1628	.1612	.1642	.1609	.1603	.1599	.1643	.1608		.1573	.1549	.1578	.1559	155.
180.	.1657	.1672	.1647	.1654	.1637	.1627	.1656	.1643	.1616	.1608	.1604	.1608	.1582	180.
205.	.1781	.1770	.1748	.1734	.1755	.1746	.1761	.1707		.1727	.1691	.1730	.1661	205.
220.	.1902	.1885	.1878	.1878	.1862	.1858	.1860	.1870	.1869	.1857	.1819	.1849	.1777	220.
235.	.2111	.2142	.2106	.2101		.2153	.2100	.2131	.2081	.2105	.2082	.2096	.2012	235.
250.	.2644	.2629	.2663	.2654	.2656	.2643	.2622	.2652	.2620	.2641	.2639	.2649	.2588	250.
260.		.3346	.3250	.3279	.3269	.3253	.3272	.3298	.3227	.3273	.3230	.3254	.3224	260.
270.	.3545	.3583	.3563	.3592	.3571	.3503	.3554	.3527	.3543	.3541	.3574	.3545	.3485	270.
280.		.2612	.2573	.2541	.2617	.2623	.2599	.2631	.2619	.2628	.2575	.2595	.2571	280.
290.	.1954	.1925	.1932	.1945	.1938	.1937	.1950	.1878	.1952	.1919	.1913	.1925	.1929	290.
305.	.1462	.1503	.1450	.1468		.1477	.1465	.1444	.1455	.1470	.1441	.1448	.1406	305.
320.	.1327	.1300	.1281	.1294	.1310	.1302	.1297	.1295	.1297	.1288	.1278	.1248	.1256	320.
335.	.1239	.1228	.1211	.1240	.1228	.1236	.1235	.1205		.1186	.1160	.1199	.1189	335.

TABLE IV. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 2.50 DEG							
0.	.1148	.1117	.0961	.1031	.1046	.1059	.1046	.1055	.1068		.1030	.1032	.1017	.1056
25.		.1132	.0956	.0958	.1030	.1063	.1055	.1032	.1060	.1000	.1043	.1018	.1016	.1001
40.				.0956	.1008		.1037	.1029	.1036	.1020	.1013	.1036	.1016	.1004
55.	.1044	.1147	.0917	.1044	.0994	.1023	.1056	.1043	.1047	.1030	.1038	.1039	.1035	.1017
70.			.1027	.1060	.1194	.1073	.1077	.1108	.1098	.1076	.1101	.1061	.1082	.1085
80.				.1243	.1218	.1209	.1246	.1236	.1247	.1231	.1245	.1215	.1225	.1209
90.		.1665	.1532	.1611	.1580	.1607	.1597	.1602	.1606	.1621	.1610	.1595	.1570	.1584
100.				.1792	.1826	.1788	.1820	.1783	.1777	.1780	.1761	.1770	.1782	.1814
110.			.1670	.1766	.1817	.1797	.1790	.1756	.1800	.1766	.1743	.1738	.1734	.1798
125.	.1696	.1832	.1648	.1753	.1746	.1783	.1742	.1729	.1789	.1751	.1727	.1718	.1725	.1751
140.				.1788	.1801		.1770	.1745	.1803	.1757	.1758	.1721	.1731	.1741
155.		.1866	.1738	.1780	.1813	.1788	.1815	.1814	.1802	.1790	.1779	.1750	.1753	.1745
180.	.1902	.1849	.1746	.1852	.1837	.1828	.1852	.1854	.1879		.1830	.1816	.1805	.1809
205.		.1937	.1855	.1934	.1909	.1909	.1947	.1948	.1991	.1952	.1933	.1917	.1921	.1933
220.				.2070	.2030		.2052	.2094	.2089	.2083	.2038	.2059	.2078	.2041
235.	.2231	.2262	.2238	.2257	.2229	.2274	.2245	.2300	.2320	.2340	.2282	.2301	.2299	.2283
250.			.2756	.2770	.2716	.2777	.2775	.2813	.2865	.2799	.2822	.2756	.2816	.2774
260.				.3370	.3356	.3387	.3431	.3430	.3415	.3413	.3385	.3400	.3394	.3347
270.		.3620	.3484	.3517	.3450	.3508	.3511	.3548	.3533	.3554	.3537	.3469	.3492	.3469
280.				.2503	.2516	.2531	.2530	.2469	.2468	.2427	.2460	.2398	.2391	.2371
290.			.1646	.1695	.1680	.1714	.1683	.1675	.1719	.1691	.1724	.1665	.1673	.1686
305.	.1302	.1395	.1216	.1263	.1227	.1305	.1262	.1257	.1290	.1287	.1308	.1294	.1291	.1264
320.				.1158	.1133		.1104	.1145	.1163	.1164	.1134	.1141	.1224	.1145
335.		.1168	.0992	.1104	.1085	.1069	.1069	.1085	.1116	.1107	.1089	.1066	.1092	.1090
							FOR ALPHA = 3.50 DEG							
0.	.1017	.0973	.0834	.0902	.0902	.0928	.0930	.0937	.0940		.0913	.0918	.0901	.0903
25.		.1029	.0862	.0866	.0893	.0953	.0956	.0924	.0943	.0896	.0915	.0895	.0901	.0891
40.				.0852	.0883		.0944	.0926	.0928	.0892	.0913	.0905	.0898	.0902
55.	.0936	.1040	.0837	.0932	.0872	.0912	.0922	.0920	.0928	.0918	.0939	.0919	.0920	.0905
70.			.0910	.0943	.1070	.0930	.0962	.0954	.0957	.0959	.0968	.0944	.0964	.0963
80.				.1127	.1102	.1099	.1138	.1097	.1116	.1106	.1114	.1114	.1095	.1087
90.		.1629	.1483	.1567	.1534	.1570	.1554	.1556	.1563	.1577	.1585	.1552	.1545	.1529
100.				.1851	.1856	.1840	.1881	.1880	.1847	.1848	.1842	.1844	.1821	.1846
110.			.1758	.1894	.1904	.1918	.1889	.1910	.1889	.1851	.1865	.1865	.1825	.1866
125.	.1850	.1945	.1769	.1893	.1873	.1929	.1848	.1875	.1865	.1864	.1869	.1899	.1821	.1835
140.				.1917	.1950		.1906	.1904	.1915	.1906	.1893	.1910	.1831	.1852
155.		.1989	.1903	.1943	.1982	.1974	.1973	.1925	.1952	.1954	.1890	.1906	.1868	.1885
180.	.2072	.1992	.1950	.2018	.1998	.1999	.2010	.2013	.2038		.1980	.1964	.1965	.2012
205.		.2128	.2040	.2111	.2073	.2091	.2109	.2124	.2171	.2157	.2134	.2110	.2106	.2106
220.				.2278	.2209		.2199	.2261	.2310	.2308	.2245	.2271	.2270	.2259
235.	.2425	.2501	.2417	.2468	.2418	.2487	.2451	.2504	.2522	.2543	.2520	.2509	.2476	.2471
250.			.2959	.2950	.2943	.3009	.2972	.3031	.3068	.3029	.3002	.2939	.2995	.2954
260.				.3530	.3492	.3530	.3584	.3570	.3545	.3551	.3559	.3512	.3520	.3485
270.		.3564	.3458	.3499	.3413	.3481	.3463	.3534	.3506	.3516	.3526	.3459	.3458	.3422
280.				.2362	.2292	.2294	.2308	.2259	.2226	.2215	.2257	.2218	.2246	.2172
290.			.1433	.1488	.1459	.1424	.1444	.1463	.1471	.1467	.1492	.1467	.1482	.1458
305.	.1146	.1176	.1011	.1079	.1058	.1056	.1055	.1091	.1070	.1069	.1110	.1096	.1105	.1063
320.				.1013	.0970		.0942	.0989	.1002	.0959	.0974	.0987	.0987	.0975
335.		.1010	.0857	.0967	.0934	.0948	.0939	.0945	.0985	.0925	.0936	.0938	.0917	.0923
							FOR ALPHA = 5.50 DEG							
0.	.0769	.0757	.0629	.0681	.0681	.0679	.0694	.0704	.0724		.0704	.0693	.0693	.0706
25.		.0806	.0642	.0661	.0669	.0707	.0723	.0706	.0745	.0686	.0713	.0697	.0718	.0695
40.				.0667	.0661		.0724	.0724	.0736	.0690	.0703	.0715	.0712	.0702
55.	.0711	.0803	.0616	.0672	.0664	.0659	.0698	.0706	.0727	.0702	.0716	.0726	.0720	.0699
70.			.0657	.0682	.0701	.0667	.0684	.0692	.0705	.0691	.0714	.0697	.0724	.0717
80.				.0852	.0856	.0829	.0841	.0835	.0837	.0816	.0814	.0805	.0816	.0824
90.		.1534	.1431	.1461	.1410	.1460	.1442	.1442	.1444	.1451	.1445	.1424	.1423	.1420
100.				.1943	.1976	.1945	.2016	.1993	.1965	.1982	.1989	.1939	.1953	.1960
110.			.2009	.2169	.2160	.2158	.2131	.2133	.2133	.2142	.2149	.2079	.2110	.2105
125.	.2145	.2224	.2022	.2241	.2148	.2212	.2207	.2156	.2210	.2220	.2164	.2145	.2151	.2193
140.				.2241	.2263		.2286	.2251	.2270	.2238	.2189	.2174	.2215	.2241
155.		.2310	.2226	.2277	.2334	.2343	.2319	.2280	.2287	.2262	.2238	.2190	.2284	.2289
180.	.2454	.2382	.2296	.2390	.2415	.2385	.2376	.2368	.2381		.2390	.2363	.2364	.2374
205.		.2516	.2481	.2511	.2480	.2494	.2519	.2497	.2546	.2536	.2556	.2469	.2500	.2490
220.				.2688	.2588		.2632	.2655	.2708	.2687	.2661	.2668	.2646	.2682
235.	.2834	.2882	.2854	.2908	.2824	.2878	.2879	.2850	.2937	.2962	.2927	.2945	.2953	.2920
250.			.3404	.3362	.3333	.3373	.3348	.3386	.3411	.3447	.3434	.3361	.3437	.3380
260.				.3739	.3758	.3786	.3818	.3861	.3872	.3849	.3820	.3859	.3835	.3762
270.		.3515	.3422	.3450	.3363	.3420	.3404	.3433	.3451	.3489	.3463	.3393	.3417	.3422
280.				.1964	.1980	.1975	.1960	.1917	.1938	.1891	.1882	.1837	.1859	.1860
290.			.1112	.1013	.1061	.1050	.1039	.1070	.1089	.1059	.1115	.1033	.1077	.1110
305.	.0810	.0829	.0668	.0723	.0696	.0738	.0728	.0700	.0748	.0769	.0782	.0772	.0795	.0754
320.				.0685	.0673		.0693	.0672	.0726	.0709	.0697	.0715	.0717	.0683
335.		.0743	.0593	.0667	.0687	.0685	.0702	.0687	.0728	.0705	.0703	.0694	.0692	.0698

TABLE IV. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.	.1034	.1065	.1041	.1033	.1038	.1022	.1026	.1015	.1004	.0996	.1000	.1003	.1003	0.
25.	.1026	.1023	.1026	.1013	.1019	.0999	.1017	.0986		.0985	.0967	.0992	.0992	25.
40.	.1030	.1016	.1006	.1012	.1011	.0999	.0989	.0994	.0977	.1004	.0987	.0977	.0943	40.
55.	.1019	.1026	.1004	.1015		.1004	.1005	.1006	.1004	.0987	.1004	.0973	.0927	55.
70.	.1089	.1055	.1065	.1080	.1049	.1072	.1069	.1058	.1049	.1063	.1057	.1087	.1051	70.
80.		.1198	.1181	.1189	.1203	.1199	.1236	.1208	.1197	.1246	.1195	.1213	.1183	80.
90.	.1588	.1600	.1573	.1619	.1598	.1581	.1579	.1584	.1600	.1616	.1593	.1588	.1573	90.
100.		.1810	.1754	.1791	.1799	.1829	.1786	.1829	.1794	.1808	.1771	.1790	.1770	100.
110.	.1781	.1775	.1760	.1752	.1757	.1734	.1756	.1798	.1780	.1768	.1713	.1766	.1744	110.
125.	.1733	.1778	.1723	.1756		.1722	.1687	.1726	.1712	.1756	.1710	.1735	.1670	125.
140.	.1758	.1782	.1740	.1747	.1731	.1749	.1754	.1717	.1728	.1698	.1671	.1737	.1694	140.
155.	.1778	.1768	.1778	.1762	.1760	.1775	.1794	.1761		.1726	.1692	.1750	.1709	155.
180.	.1830	.1843	.1839	.1819	.1810	.1815	.1814	.1793	.1778	.1789	.1798	.1776	.1758	180.
205.	.1946	.1949	.1939	.1934	.1947	.1953	.1948	.1892		.1894	.1901	.1880	.1871	205.
220.	.2126	.2087	.2077	.2051	.2062	.2061	.2047	.2062	.2055	.2021	.2024	.2019	.2004	220.
235.	.2330	.2379	.2319	.2319		.2331	.2340	.2278	.2304	.2239	.2307	.2325	.2202	235.
250.	.2851	.2811	.2866	.2861	.2853	.2795	.2850	.2836	.2850	.2828	.2821	.2850	.2803	250.
260.		.3445	.3442	.3399	.3420	.3416	.3448	.3466	.3380	.3454	.3356	.3416	.3317	260.
270.	.3524	.3533	.3557	.3598	.3554	.3522	.3525	.3507	.3501	.3530	.3535	.3536	.3454	270.
280.		.2389	.2424	.2392	.2470	.2422	.2429	.2466	.2450	.2473	.2406	.2421	.2389	280.
290.	.1720	.1688	.1724	.1716	.1768	.1705	.1733	.1731	.1758	.1752	.1711	.1762	.1688	290.
305.	.1309	.1308	.1274	.1281		.1274	.1303	.1285	.1308	.1279	.1274	.1275	.1230	305.
320.	.1174	.1142	.1120	.1132	.1125	.1120	.1130	.1126	.1163	.1113	.1106	.1116	.1098	320.
335.	.1121	.1086	.1080	.1074	.1104	.1088	.1092	.1059		.1025	.1045	.1069	.1076	335.
						FOR ALPHA = 3.50 DEG								
0.	.0911	.0926	.0906	.0905	.0901	.0899	.0912	.0890	.0893	.0880	.0882	.0883	.0860	0.
25.	.0924	.0899	.0906	.0892	.0900	.0904	.0899	.0875		.0866	.0868	.0890	.0855	25.
40.	.0908	.0915	.0897	.0897	.0901	.0893	.0884	.0880	.0876	.0873	.0863	.0864	.0840	40.
55.	.0901	.0937	.0888	.0899		.0906	.0902	.0897	.0870	.0877	.0869	.0849	.0830	55.
70.	.0965	.0943	.0947	.0950	.0936	.0924	.0925	.0918	.0926	.0941	.0922	.0952	.0926	70.
80.		.1093	.1064	.1057	.1041	.1067	.1076	.1053	.1081	.1094	.1066	.1086	.1061	80.
90.	.1544	.1557	.1526	.1562	.1552	.1521	.1530	.1543	.1565	.1573	.1556	.1546	.1519	90.
100.		.1875	.1830	.1813	.1878	.1882	.1890	.1873	.1837	.1881	.1856	.1859	.1821	100.
110.	.1935	.1901	.1871	.1862	.1877	.1821	.1889	.1857	.1872	.1882	.1891	.1891	.1862	110.
125.	.1853	.1927	.1859	.1880		.1853	.1839	.1831	.1867	.1877	.1906	.1850	.1781	125.
140.	.1908	.1950	.1911	.1901	.1921	.1912	.1872	.1864	.1877	.1911	.1833	.1823	.1823	140.
155.	.1946	.1970	.1937	.1917	.1907	.1933	.1933	.1911		.1872	.1871	.1891	.1875	155.
180.	.2003	.2054	.2007	.1966	.1969	.1987	.1993	.1964	.1973	.1964	.1945	.1959	.1943	180.
205.	.2163	.2148	.2120	.2115	.2144	.2135	.2153	.2073		.2047	.2071	.2096	.2082	205.
220.	.2295	.2274	.2274	.2232	.2275	.2261	.2244	.2256	.2275	.2236	.2238	.2218	.2196	220.
235.	.2554	.2569	.2526	.2514		.2501	.2516	.2517	.2548	.2521	.2556	.2523	.2445	235.
250.	.3069	.3017	.3029	.3065	.3086	.3012	.3072	.3026	.3061	.3063	.3019	.3006	.2998	250.
260.		.3542	.3573	.3592	.3629	.3568	.3620	.3587	.3578	.3570	.3519	.3555	.3447	260.
270.	.3482	.3503	.3538	.3566	.3515	.3462	.3491	.3461	.3470	.3506	.3513	.3496	.3423	270.
280.		.2211	.2223	.2210	.2177	.2198	.2243	.2241	.2252	.2254	.2224	.2219	.2148	280.
290.	.1554	.1498	.1519	.1527	.1494	.1479	.1538	.1486	.1494	.1527	.1486	.1501	.1463	290.
305.	.1107	.1117	.1122	.1096		.1098	.1122	.1108	.1063	.1082	.1091	.1075	.1043	305.
320.	.0993	.0981	.0980	.0965	.0996	.0974	.0976	.0980	.0954	.0940	.0953	.0929	.0912	320.
335.	.0957	.0922	.0927	.0913	.0951	.0937	.0974	.0916		.0884	.0907	.0929	.0888	335.
						FOR ALPHA = 5.50 DEG								
0.	.0680	.0708	.0686	.0674	.0678	.0671	.0691	.0679	.0660	.0651	.0649	.0651	.0644	0.
25.	.0699	.0703	.0696	.0680	.0676	.0672	.0693	.0686		.0650	.0660	.0685	.0642	25.
40.	.0698	.0700	.0693	.0689	.0673	.0664	.0668	.0682	.0671	.0663	.0655	.0670	.0628	40.
55.	.0669	.0691	.0668	.0691		.0680	.0686	.0680	.0649	.0650	.0662	.0653	.0616	55.
70.	.0675	.0651	.0670	.0689	.0667	.0655	.0661	.0677	.0653	.0678	.0682	.0703	.0664	70.
80.		.0769	.0763	.0761	.0733	.0752	.0774	.0775	.0782	.0778	.0764	.0796	.0760	80.
90.	.1384	.1423	.1395	.1432	.1405	.1396	.1418	.1436	.1412	.1422	.1412	.1410	.1400	90.
100.		.2007	.1964	.1983	.2003	.1994	.2019	.2000	.1984	.2034	.1958	.1980	.1942	100.
110.	.2164	.2130	.2132	.2109	.2088	.2123	.2121	.2136	.2160	.2134	.2118	.2136	.2151	110.
125.	.2206	.2234	.2162	.2188		.2191	.2165	.2187	.2185	.2187	.2154	.2179	.2135	125.
140.	.2298	.2250	.2239	.2250	.2274	.2234	.2204	.2192	.2188	.2193	.2158	.2232	.2231	140.
155.	.2314	.2288	.2280	.2339	.2315	.2297	.2282	.2249		.2257	.2235	.2262	.2225	155.
180.	.2393	.2393	.2379	.2405	.2383	.2354	.2376	.2340	.2371	.2352	.2322	.2321	.2306	180.
205.	.2544	.2551	.2574	.2544	.2518	.2553	.2565	.2438		.2493	.2477	.2501	.2458	205.
220.	.2738	.2706	.2717	.2674	.2707	.2713	.2665	.2659	.2656	.2672	.2594	.2643	.2606	220.
235.	.2938	.3032	.2972	.2900		.2986	.2956	.2937	.2930	.2935	.2936	.2912	.2881	235.
250.	.3486	.3450	.3467	.3488	.3447	.3450	.3383	.3436	.3443	.3411	.3430	.3502	.3444	250.
260.		.3878	.3874	.3883	.3867	.3832	.3856	.3866	.3864	.3880	.3815	.3887	.3777	260.
270.	.3404	.3451	.3430	.3506	.3444	.3392	.3442	.3450	.3405	.3433	.3440	.3426	.3398	270.
280.		.1869	.1779	.1850	.1821	.1829	.1888	.1861	.1820	.1878	.1772	.1839	.1830	280.
290.	.1128	.1114	.1108	.1116	.1124	.1096	.1090	.1097	.1110	.1106	.1088	.1145	.1088	290.
305.	.0739	.0772	.0757	.0765		.0787	.0744	.0769	.0748	.0741	.0763	.0751	.0681	305.
320.	.0704	.0677	.0683	.0702	.0701	.0705	.0684	.0674	.0692	.0662	.0638	.0656	.0647	320.
335.	.0699	.0682	.0703	.0686	.0680	.0686	.0695	.0662		.0659	.0635	.0677	.0659	335.

TABLE IV. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 10.50 DEG							
0.	.0317	.0296	.0173	.0203	.0254	.0284	.0302	.0299	.0311		.0314	.0302	.0297	.0319
25.		.0403	.0315	.0322	.0352	.0401	.0411	.0387	.0428	.0372	.0402	.0377	.0388	.0383
40.				.0289	.0320		.0397	.0378	.0379	.0366	.0376	.0372	.0374	.0368
55.	.0335	.0410	.0227	.0177	.0235	.0267	.0308	.0301	.0315	.0308	.0318	.0320	.0316	.0309
70.			.0126	.0078	.0111	.0021	.0024	.0014	.0028	.0032	.0091	.0084	.0072	.0094
80.				.0205	.0121	.0070	.0038	-.0003	-.0023	-.0046	-.0030	-.0048	-.0087	-.0083
90.		.1202	.1158	.1108	.1077	.1112	.1081	.1085	.1083	.1097	.1110	.1069	.1050	.1035
100.				.2187	.2215	.2093	.2209	.2233	.2219	.2184	.2239	.2241	.2240	.2159
110.			.2698	.2832	.2754	.2808	.2754	.2749	.2793	.2761	.2741	.2781	.2775	.2748
125.	.2973	.3020	.3081	.3159	.2999	.3124	.3064	.3059	.3075	.3072	.3064	.3054	.3084	.2995
140.				.3253	.3211		.3233	.3284	.3213	.3245	.3196	.3175	.3237	.3215
155.		.3309	.3312	.3301	.3327	.3321	.3365	.3397	.3301	.3338	.3313	.3293	.3287	.3304
180.	.3521	.3419	.3351	.3494	.3437	.3413	.3447	.3477	.3501		.3439	.3489	.3415	.3505
205.		.3631	.3662	.3623	.3610	.3603	.3624	.3672	.3665	.3658	.3619	.3644	.3689	.3624
220.				.3780	.3790		.3747	.3819	.3851	.3855	.3822	.3832	.3772	.3790
235.	.3875	.4000	.4040	.4080	.3947	.4058	.3972	.4049	.4118	.4116	.4089	.4098	.4107	.4057
250.			.4357	.4384	.4385	.4429	.4375	.4419	.4404	.4440	.4433	.4369	.4422	.4447
260.				.4344	.4419	.4371	.4484	.4471	.4472	.4445	.4446	.4488	.4452	.4483
270.		.3264	.3229	.3197	.3150	.3235	.3186	.3201	.3206	.3280	.3222	.3191	.3170	.3154
280.				.1187	.1163	.1191	.1120	.1051	.1042	.1024	.1032	.0983	.0921	.0912
290.			.0033	.0000	-.0002	.0026	.0008	-.0021	-.0011	.0010	.0069	.0038	.0010	.0052
305.	.0030	.0064	-.0117	-.0128	-.0134	-.0130	-.0136	-.0160	-.0149	-.0107	-.0088	-.0094	-.0075	-.0069
320.				.0019	-.0003		.0032	.0040	.0088	.0099	.0100	.0095	.0093	.0092
335.		.0199	.0052	.0085	.0131	.0160	.0172	.0167	.0229	.0181	.0195	.0169	.0175	.0193
							FOR ALPHA = 15.50 DEG							
0.	-.0227	-.0269	-.0137	-.0157	-.0068	-.0107	-.0106	-.0089	-.0051		-.0021	-.0023	-.0035	-.0024
25.		.0059	-.0131	-.0001	.0043	.0074	.0064	.0041	.0101	.0043	.0089	.0064	.0077	.0070
40.				-.0137	-.0051		-.0005	.0003	.0004	.0006	.0035	.0042	.0055	.0058
55.	-.0120	-.0172	-.0358	-.0408	-.0404	-.0603	-.0608	-.0651	-.0612	-.0609	-.0535	-.0521	-.0521	-.0502
70.			-.0476	-.0542	-.0636	-.0596	-.0587	-.0622	-.0647	-.0660	-.0618	-.0643	-.0668	-.0670
80.				-.0634	-.0666	-.0691	-.0705	-.0727	-.0769	-.0785	-.0754	-.0768	-.0808	-.0820
90.		.0864	.0797	.0738	.0714	.0764	.0729	.0704	.0712	.0753	.0755	.0720	.0714	.0710
100.				.2421	.2399	.2267	.2429	.2440	.2419	.2414	.2421	.2422	.2380	.2419
110.			.3517	.3500	.3492	.3471	.3428	.3463	.3493	.3484	.3515	.3452	.3408	.3442
125.	.3938	.4046	.4157	.4178	.4074	.4045	.4056	.4069	.4089	.4106	.4060	.4053	.4068	.4027
140.				.4369	.4321		.4396	.4398	.4433	.4361	.4328	.4319	.4359	.4345
155.		.4506	.4491	.4481	.4519	.4508	.4546	.4603	.4598	.4478	.4492	.4462	.4507	.4544
180.	.4814	.4698	.4727	.4718	.4696	.4716	.4732	.4750	.4821		.4766	.4744	.4743	.4790
205.		.4943	.5026	.4917	.4912	.4954	.4942	.4955	.4983	.5009	.4991	.4934	.4977	.4993
220.				.5127	.5120		.5097	.5121	.5208	.5156	.5145	.5137	.5124	.5119
235.	.5079	.5270	.5289	.5308	.5215	.5367	.5286	.5307	.5356	.5388	.5389	.5384	.5328	.5329
250.			.5359	.5396	.5462	.5473	.5453	.5440	.5474	.5438	.5539	.5483	.5512	.5476
260.				.4853	.4927	.4859	.5014	.5020	.4941	.4930	.5044	.5027	.5018	.4998
270.		.3039	.3000	.2922	.2909	.2963	.2908	.2942	.3004	.3004	.2982	.2921	.2901	.2902
280.				.0522	.0497	.0449	.0379	.0370	.0365	.0273	.0293	.0273	.0239	.0236
290.			-.0544	-.0650	-.0705	-.0729	-.0744	-.0748	-.0725	-.0746	-.0685	-.0707	-.0703	-.0711
305.	-.0486	-.0449	-.0735	-.0785	-.0802	-.0790	-.0777	-.0788	-.0811	-.0833	-.0801	-.0818	-.0844	-.0868
320.				-.0584	-.0708		-.0734	-.0719	-.0732	-.0738	-.0714	-.0682	-.0650	-.0649
335.		-.0437	-.0514	-.0505	-.0348	-.0384	-.0586	-.0571	-.0436	-.0458	-.0392	-.0354	-.0333	-.0346
							FOR ALPHA = 20.50 DEG							
0.	-.0698	-.0638	-.0537	-.0532	-.0422	-.0409	-.0368	-.0374	-.0350		-.0311	-.0298	-.0289	-.0258
25.		-.0263	-.0471	-.0291	-.0258	-.0236	-.0246	-.0232	-.0180	-.0243	-.0193	-.0203	-.0198	-.0205
40.				-.0595	-.0622		-.0512	-.0489	-.0512	-.0512	-.0474	-.0470	-.0459	-.0471
55.	-.0641	-.0813	-.1032	-.1053	-.1156	-.1175	-.1149	-.1144	-.1149	-.1151	-.1094	-.1099	-.1107	-.1119
70.			-.0926	-.1013	-.1071	-.1049	-.1035	-.1045	-.1065	-.1086	-.1038	-.1044	-.1041	-.1041
80.				-.1042	-.1072	-.1029	-.1044	-.1058	-.1099	-.1139	-.1098	-.1106	-.1123	-.1137
90.		.0596	.0550	.0490	.0469	.0508	.0460	.0435	.0440	.0445	.0463	.0458	.0467	.0425
100.				.2704	.2709	.2473	.2593	.2607	.2618	.2673	.2699	.2675	.2715	.2702
110.			.4227	.4367	.4267	.4225	.4212	.4216	.4280	.4224	.4238	.4264	.4248	.4288
125.	.4969	.5035	.5233	.5305	.5148	.5287	.5234	.5251	.5225	.5232	.5168	.5211	.5214	.5282
140.				.5697	.5655		.5665	.5712	.5697	.5650	.5638	.5605	.5694	.5637
155.		.5780	.5826	.5887	.5939	.5915	.5917	.5912	.5887	.5948	.5895	.5875	.5873	.5891
180.	.6215	.6042	.6138	.6160	.6162	.6169	.6172	.6200	.6294		.6191	.6166	.6167	.6255
205.		.6329	.6512	.6276	.6362	.6375	.6374	.6442	.6398	.6435	.6408	.6395	.6510	.6490
220.				.6478	.6537		.6568	.6555	.6622	.6578	.6531	.6615	.6643	.6579
235.	.6310	.6514	.6535	.6541	.6478	.6683	.6627	.6662	.6759	.6721	.6698	.6674	.6760	.6752
250.			.6357	.6309	.6469	.6499	.6452	.6537	.6547	.6473	.6463	.6479	.6552	.6546
260.				.5205	.5388	.5200	.5483	.5469	.5410	.5415	.5458	.5447	.5483	.5506
270.		.2742	.2687	.2620	.2584	.2682	.2608	.2638	.2686	.2707	.2701	.2684	.2648	.2624
280.				-.0037	-.0098	-.0111	-.0115	-.0111	-.0164	-.0206	-.0207	-.0204	-.0257	-.0287
290.			-.1070	-.1181	-.1215	-.1216	-.1204	-.1217	-.1223	-.1216	-.1160	-.1166	-.1176	-.1180
305.	-.0923	-.0925	-.1158	-.1155	-.1174	-.1181	-.1156	-.1178	-.1194	-.1193	-.1145	-.1146	-.1152	-.1153
320.				-.1122	-.1186		-.1141	-.1168	-.1191	-.1210	-.1148	-.1140	-.1145	-.1153
335.		-.1013	-.1108	-.1117	-.1241	-.1244	-.1264	-.1253	-.1119	-.1236	-.1156	-.1190	-.1197	-.1204

TABLE IV. - CONCLUDED

(H) MACH = 2.50, BETA = 5.02 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.50 DEG								
0.	.0273	.0285	.0271	.0270	.0271	.0269	.0259	.0262	.0255	.0247	.0244	.0251	.0236	0.
25.	.0362	.0361	.0357	.0356	.0356	.0364	.0367	.0353		.0332	.0328	.0346	.0332	25.
40.	.0351	.0352	.0330	.0350	.0359	.0357	.0342	.0345	.0328	.0319	.0309	.0333	.0317	40.
55.	.0271	.0302	.0278	.0290		.0285	.0273	.0280	.0282	.0279	.0274	.0269	.0234	55.
70.	.0067	.0062	.0055	.0063	.0045	.0051	.0050	.0074	.0074	.0055	.0042	.0071	.0056	70.
80.		-.0156	-.0207	-.0203	-.0204	-.0187	-.0187	-.0172	-.0182	-.0169	-.0183	-.0201	-.0198	80.
90.	.1026	.1004	.0994	.1040	.1006	.0969	.0993	.1034	.1003	.1000	.0976	.0961	.0957	90.
100.		.2229	.2271	.2253	.2288	.2234	.2209	.2225	.2195	.2191	.2208	.2185	.2162	100.
110.	.2781	.2764	.2802	.2751	.2847	.2805	.2798	.2767	.2786	.2763	.2741	.2815	.2733	110.
125.	.3015	.3135	.3082	.3067		.3067	.3131	.3063	.3148	.3093	.3054	.3072	.2987	125.
140.	.3223	.3261	.3236	.3227	.3220	.3226	.3235	.3135	.3227	.3216	.3145	.3182	.3177	140.
155.	.3355	.3335	.3368	.3300	.3286	.3339	.3366	.3272		.3246	.3307	.3277	.3335	155.
180.	.3489	.3514	.3490	.3483	.3457	.3459	.3482	.3431	.3430	.3428	.3460	.3395	.3395	180.
205.	.3712	.3718	.3725	.3714	.3704	.3680	.3683	.3647		.3576	.3635	.3628	.3598	205.
220.	.3899	.3877	.3864	.3875	.3865	.3846	.3889	.3857	.3818	.3762	.3807	.3824	.3744	220.
235.	.4115	.4187	.4080	.4167		.4086	.4120	.4110	.4105	.4104	.4107	.4018	.3960	235.
250.	.4475	.4493	.4551	.4521	.4487	.4408	.4472	.4497	.4487	.4485	.4442	.4495	.4448	250.
260.		.4518	.4496	.4535	.4484	.4465	.4513	.4475	.4479	.4484	.4411	.4429	.4441	260.
270.	.3180	.3202	.3167	.3224	.3212	.3139	.3157	.3199	.3142	.3137	.3150	.3128	.3121	270.
280.		.0868	.0813	.0832	.0850	.0849	.0845	.0841	.0862	.0851	.0806	.0814	.0842	280.
290.	.0034	.0005	-.0005	.0038	.0041	.0030	.0020	.0020	.0067	.0012	-.0020	.0018	.0016	290.
305.	-.0094	-.0072	-.0115	-.0097		-.0069	-.0094	-.0075	-.0068	-.0108	-.0117	-.0125	-.0148	305.
320.	.0066	.0059	.0026	.0058	.0063	.0053	.0033	.0048	.0049	.0021	.0007	.0009	.0010	320.
335.	.0160	.0145	.0145	.0150	.0158	.0158	.0150	.0130		.0111	.0099	.0128	.0123	335.
						FOR ALPHA = 15.50 DEG								
0.	-.0088	-.0081	-.0095	-.0099	-.0091	-.0091	-.0096	-.0098	-.0116	-.0122	-.0119	-.0114	-.0129	0.
25.	.0040	.0036	.0026	.0027	.0031	.0033	.0034	.0030		.0014	.0012	.0046	.0033	25.
40.	.0019	.0022	-.0003	.0016	.0019	.0024	.0025	.0035	.0034	.0039	.0030	.0039	.0018	40.
55.	-.0565	-.0558	-.0592	-.0553		-.0542	-.0568	-.0540	-.0568	-.0569	-.0616	-.0608	-.0622	55.
70.	-.0773	-.0777	-.0786	-.0778	-.0775	-.0746	-.0748	-.0737	-.0745	-.0755	-.0757	-.0758	-.0771	70.
80.		-.0944	-.0967	-.0953	-.0971	-.0940	-.0964	-.0959	-.0971	-.1018	-.1034	-.1047	-.1042	80.
90.	.0696	.0692	.0682	.0717	.0703	.0689	.0670	.0710	.0694	.0655	.0647	.0633	.0628	90.
100.		.2506	.2521	.2526	.2517	.2452	.2464	.2478	.2475	.2509	.2430	.2437	.2371	100.
110.	.3512	.3534	.3587	.3606	.3546	.3507	.3521	.3504	.3544	.3521	.3478	.3527	.3459	110.
125.	.4037	.4167	.4103	.4110		.4146	.4129	.4178	.4146	.4093	.4082	.4100	.4023	125.
140.	.4438	.4402	.4361	.4376	.4382	.4392	.4424	.4398	.4345	.4338	.4302	.4349	.4355	140.
155.	.4556	.4548	.4575	.4557	.4507	.4550	.4572	.4488		.4533	.4496	.4584	.4506	155.
180.	.4783	.4808	.4774	.4775	.4764	.4733	.4731	.4704	.4708	.4707	.4718	.4681	.4673	180.
205.	.5069	.5030	.5025	.5033	.5024	.5032	.5042	.4989		.4935	.4930	.4981	.4899	205.
220.	.5262	.5230	.5203	.5173	.5186	.5144	.5174	.5162	.5204	.5116	.5099	.5091	.5079	220.
235.	.5420	.5517	.5378	.5427		.5380	.5385	.5437	.5376	.5375	.5317	.5260	.5184	235.
250.	.5561	.5470	.5545	.5592	.5605	.5498	.5521	.5487	.5538	.5532	.5481	.5482	.5432	250.
260.		.5053	.5030	.5099	.5047	.5080	.5027	.5025	.4987	.5101	.5039	.5040	.4951	260.
270.	.2916	.2938	.2914	.2941	.2917	.2837	.2878	.2917	.2834	.2886	.2859	.2821	.2806	270.
280.		.0135	.0105	.0082	.0068	.0060	.0078	.0094	.0065	.0061	.0034	.0032	-.0005	280.
290.	-.0773	-.0789	-.0768	-.0759	-.0767	-.0782	-.0772	-.0770	-.0784	-.0812	-.0806	-.0782	-.0814	290.
305.	-.0988	-.1022	-.1060	-.1085		-.1122	-.1120	-.1133	-.1149	-.1200	-.1195	-.1184	-.1222	305.
320.	-.0685	-.0658	-.0624	-.0591	-.0556	-.0564	-.0548	-.0531	-.0534	-.0565	-.0549	-.0545	-.0563	320.
335.	-.0415	-.0430	-.0408	-.0427	-.0382	-.0394	-.0373	-.0359		-.0398	-.0370	-.0346	-.0351	335.
						FOR ALPHA = 20.50 DEG								
0.	-.0326	-.0313	-.0322	-.0316	-.0315	-.0294	-.0294	-.0305	-.0317	-.0314	-.0306	-.0307	-.0307	0.
25.	-.0256	-.0254	-.0255	-.0250	-.0241	-.0233	-.0226	-.0246		-.0268	-.0261	-.0252	-.0260	25.
40.	-.0535	-.0514	-.0524	-.0499	-.0489	-.0491	-.0486	-.0504	-.0514	-.0518	-.0505	-.0490	-.0510	40.
55.	-.1242	-.1240	-.1249	-.1257		-.1245	-.1237	-.1236	-.1244	-.1286	-.1291	-.1281	-.1308	55.
70.	-.1148	-.1161	-.1162	-.1171	-.1173	-.1160	-.1153	-.1145	-.1163	-.1197	-.1206	-.1203	-.1210	70.
80.		-.1269	-.1269	-.1270	-.1281	-.1244	-.1246	-.1248	-.1272	-.1322	-.1333	-.1320	-.1339	80.
90.	.0427	.0420	.0405	.0431	.0407	.0383	.0373	.0419	.0363	.0303	.0302	.0304	.0264	90.
100.		.2768	.2902	.2844	.2805	.2797	.2766	.2792	.2716	.2711	.2700	.2685	.2638	100.
110.	.4267	.4272	.4354	.4372	.4424	.4382	.4418	.4356	.4321	.4266	.4259	.4296	.4299	110.
125.	.5276	.5336	.5248	.5330		.5289	.5379	.5349	.5288	.5260	.5276	.5296	.5137	125.
140.	.5721	.5760	.5688	.5777	.5715	.5700	.5717	.5685	.5725	.5662	.5735	.5697	.5639	140.
155.	.5890	.5983	.5947	.6026	.5973	.5986	.5963	.5951		.5902	.5919	.5984	.5904	155.
180.	.6205	.6286	.6262	.6227	.6185	.6226	.6197	.6213	.6184	.6138	.6177	.6146	.6166	180.
205.	.6494	.6468	.6546	.6534	.6505	.6501	.6532	.6472		.6397	.6318	.6430	.6361	205.
220.	.6660	.6678	.6633	.6660	.6624	.6575	.6612	.6556	.6611	.6556	.6527	.6630	.6541	220.
235.	.6767	.6837	.6730	.6829		.6759	.6705	.6776	.6742	.6688	.6748	.6697	.6517	235.
250.	.6541	.6513	.6587	.6537	.6635	.6545	.6530	.6589	.6564	.6564	.6435	.6555	.6533	250.
260.		.5520	.5525	.5576	.5576	.5519	.5529	.5507	.5442	.5448	.5399	.5491	.5431	260.
270.	.2641	.2652	.2614	.2688	.2656	.2586	.2577	.2619	.2612	.2603	.2637	.2619	.2604	270.
280.		-.0391	-.0434	-.0442	-.0447	-.0424	-.0449	-.0452	-.0455	-.0520	-.0486	-.0491	-.0508	280.
290.	-.1273	-.1280	-.1281	-.1277	-.1279	-.1260	-.1270	-.1273	-.1285	-.1330	-.1311	-.1301	-.1302	290.
305.	-.1272	-.1267	-.1282	-.1283		-.1268	-.1265	-.1265	-.1268	-.1308	-.1310	-.1300	-.1321	305.
320.	-.1273	-.1259	-.1262	-.1238	-.1228	-.1236	-.1245	-.1225	-.1219	-.1244	-.1243	-.1232	-.1224	320.
335.	-.1323	-.1319	-.1327	-.1330	-.1317	-.1322	-.1329	-.1340		-.1372	-.1378	-.1381	-.1401	335.

TABLE V. - FOREBODY 5, AXIS RATIO 1/3 ELLIPTIC CONE

(A) MACH = 1.70, BETA = -.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.64 DEG								
0.	.2127	.2015		.1930	.1931	.1950	.2007	.2017	.2070	.2075	.2006	.2079	.2063	.2043
30.			.1884	.1923	.1936	.1935	.1978	.2005	.2047	.2029	.2085	.2028	.2001	.2120
50.	.2093	.2030	.2009	.1918	.1945	.1970	.2065	.2099	.2107	.2078	.2118	.2022	.2111	.2159
60.				.1938	.1972	.1956	.2110	.2144	.2127	.2118	.2098	.2064	.2207	.2146
70.		.2129	.2039	.2036	.2037	.2041	.2221	.2271	.2201	.2205	.2183	.2191	.2239	.2287
80.			.2214	.2250	.2211	.2215	.2433	.2454	.2418	.2437	.2418	.2382	.2414	.2438
90.	.1870	.1796	.1846	.1708	.1729	.1792	.1859	.1828	.1871	.1849	.1812	.1792	.1784	.1844
100.			.0317	.0275	.0303	.0268	.0418	.0411	.0421	.0470	.0401	.0379	.0421	.0437
110.		.0585	.0434	.0331	.0385	.0369	.0475	.0495	.0500	.0499	.0455	.0459	.0521	.0550
120.				.0400	.0470	.0467	.0584	.0578	.0548	.0583	.0541	.0515	.0613	.0594
130.	.0627	.0623	.0432	.0456	.0492	.0559	.0607	.0617	.0613	.0613	.0634	.0569	.0629	.0668
150.			.0303	.0529	.0490	.0546	.0608	.0613	.0621	.0601	.0655	.0602	.0568	.0657
180.	.0654	.0600		.0554	.0502	.0547	.0627	.0642	.1672	.0654	.0587	.0644	.0623	.0605
						FOR ALPHA = -2.65 DEG								
0.	.1802	.1700		.1633	.1622	.1636	.1674	.1678	.2259	.1738	.1665	.1728	.1699	.1698
30.			.1517	.1629	.1613	.1608	.1650	.1677	.1703	.1685	.1750	.1685	.1639	.1761
50.	.1763	.1712	.1670	.1606	.1640	.1641	.1710	.1745	.1759	.1742	.1788	.1680	.1754	.1808
60.				.1637	.1664	.1626	.1757	.1786	.1780	.1779	.1766	.1709	.1838	.1813
70.		.1812	.1715	.1697	.1710	.1717	.1869	.1917	.1871	.1861	.1841	.1832	.1880	.1935
80.			.1899	.1945	.1906	.1888	.2091	.2091	.2078	.2111	.2068	.2031	.2084	.2095
90.	.2110	.2042	.2020	.1989	.2008	.2040	.2094	.2107	.2145	.2116	.2091	.2078	.2069	.2122
100.			.0782	.0720	.0746	.0719	.0903	.0897	.0884	.0946	.0899	.0860	.0916	.0937
110.		.0877	.0711	.0635	.0653	.0663	.0819	.0835	.0831	.0829	.0819	.0823	.0867	.0914
120.				.0658	.0674	.0707	.0836	.0840	.0826	.0868	.0841	.0821	.0918	.0896
130.	.0885	.0867	.0729	.0673	.0695	.0785	.0846	.0863	.0864	.0865	.0896	.0841	.0905	.0940
150.			.0557	.0721	.0692	.0759	.0820	.0846	.0848	.0843	.0891	.0855	.0830	.0911
180.	.0911	.0839		.0739	.0702	.0755	.0846	.0869	.2031	.0883	.0836	.0898	.0864	.0845
						FOR ALPHA = -1.64 DEG								
0.	.1625	.1526		.1480	.1434	.1469	.1513	.1522	.2302	.1576	.1502	.1565	.1546	.1525
30.			.1327	.1471	.1442	.1446	.1488	.1522	.1542	.1530	.1587	.1525	.1482	.1587
50.	.1583	.1542	.1476	.1440	.1460	.1483	.1549	.1586	.1603	.1581	.1618	.1519	.1588	.1634
60.				.1464	.1479	.1444	.1589	.1629	.1613	.1616	.1590	.1535	.1676	.1631
70.		.1623	.1536	.1515	.1529	.1522	.1693	.1746	.1699	.1684	.1671	.1642	.1709	.1761
80.			.1707	.1739	.1701	.1694	.1919	.1928	.1923	.1938	.1889	.1854	.1915	.1926
90.	.2205	.2120	.2115	.2067	.2079	.2110	.2178	.2200	.2228	.2203	.2169	.2181	.2168	.2231
100.			.1050	.0992	.1028	.0977	.1126	.1116	.1135	.1173	.1109	.1065	.1135	.1152
110.		.1061	.0896	.0858	.0880	.0882	.0977	.1002	.0991	.0989	.0956	.0966	.1032	.1062
120.				.0855	.0861	.0873	.0983	.0989	.0982	.1014	.0971	.0954	.1062	.1037
130.	.1075	.1039	.0919	.0867	.0850	.0913	.0964	.0989	.0996	.1000	.1017	.0956	.1033	.1078
150.			.0739	.0894	.0840	.0886	.0939	.0957	.0979	.0968	.1020	.0976	.0965	.1048
180.	.1103	.1007		.0917	.0848	.0871	.0947	.0987	.2155	.1009	.0951	.1022	.0993	.0981
						FOR ALPHA = -.65 DEG								
0.	.1474	.1367		.1307	.1267	.1325	.1370	.1373	.2295	.1412	.1347	.1420	.1384	.1345
30.			.1177	.1299	.1275	.1300	.1345	.1367	.1376	.1356	.1430	.1368	.1320	.1402
50.	.1436	.1383	.1332	.1286	.1295	.1341	.1395	.1440	.1438	.1413	.1446	.1356	.1427	.1455
60.				.1292	.1302	.1267	.1433	.1463	.1443	.1439	.1425	.1372	.1494	.1450
70.		.1470	.1374	.1356	.1353	.1341	.1511	.1551	.1522	.1497	.1471	.1441	.1514	.1550
80.			.1543	.1564	.1510	.1494	.1740	.1732	.1719	.1737	.1688	.1659	.1723	.1724
90.	.2231	.2143	.2149	.2112	.2123	.2154	.2231	.2257	.2274	.2250	.2229	.2232	.2227	.2278
100.			.1223	.1177	.1200	.1180	.1353	.1340	.1358	.1394	.1340	.1304	.1381	.1384
110.		.1217	.1040	.1009	.1040	.1050	.1167	.1203	.1193	.1176	.1161	.1148	.1229	.1286
120.				.0995	.0991	.1011	.1130	.1135	.1125	.1152	.1138	.1101	.1242	.1201
130.	.1181	.1144	.1060	.1001	.0982	.1066	.1102	.1118	.1133	.1138	.1173	.1099	.1185	.1233
150.			.0874	.1032	.0981	.1011	.1071	.1078	.1100	.1101	.1168	.1110	.1088	.1189
180.	.1217	.1105		.1046	.0989	.1000	.1087	.1111	.2254	.1159	.1090	.1161	.1130	.1118
						FOR ALPHA = .35 DEG								
0.	.1346	.1254		.1281	.1251	.1185	.1274	.1316	.2393	.1253	.1239	.1352	.1348	.1315
30.			.1068	.1257	.1255	.1160	.1237	.1310	.1344	.1344	.1319	.1302	.1276	.1373
50.	.1303	.1270	.1217	.1234	.1281	.1186	.1280	.1361	.1402	.1386	.1319	.1281	.1366	.1415
60.				.1224	.1288	.1254	.1316	.1383	.1401	.1413	.1285	.1279	.1428	.1406
70.		.1330	.1247	.1253	.1313	.1297	.1350	.1429	.1451	.1440	.1288	.1329	.1424	.1468
80.			.1397	.1444	.1446	.1442	.1565	.1589	.1638	.1679	.1493	.1508	.1617	.1664
90.	.2233	.2164	.2189	.2153	.2191	.2237	.2261	.2313	.2342	.2323	.2223	.2266	.2290	.2358
100.			.1412	.1390	.1423	.1375	.1565	.1549	.1548	.1585	.1544	.1490	.1565	.1581
110.		.1372	.1177	.1188	.1218	.1208	.1352	.1380	.1361	.1324	.1329	.1318	.1386	.1443
120.				.1139	.1148	.1148	.1290	.1286	.1287	.1301	.1287	.1260	.1387	.1361
130.	.1340	.1279	.1197	.1133	.1130	.1222	.1250	.1261	.1274	.1267	.1310	.1250	.1328	.1372
150.			.1043	.1148	.1112	.1158	.1212	.1213	.1233	.1237	.1298	.1258	.1232	.1329
180.	.1370	.1241		.1165	.1129	.1154	.1219	.1232	.2291	.1290	.1232	.1296	.1272	.1247
						FOR ALPHA = 1.35 DEG								
0.	.1196	.1092		.1054	.0999	.1051	.1104	.1092	.2222	.1130	.1071	.1135	.1083	.1051
30.			.0868	.1021	.1008	.1038	.1071	.1093	.1087	.1088	.1159	.1089	.1027	.1120
50.	.1172	.1103	.0960	.0988	.1009	.1056	.1114	.1153	.1139	.1126	.1156	.1075	.1107	.1163
60.				.0987	.1009	.0979	.1151	.1169	.1140	.1154	.1095	.1063	.1154	.1128
70.		.1141	.1034	.1015	.1012	.0989	.1163	.1204	.1174	.1158	.1107	.1102	.1156	.1188
80.			.1154	.1157	.1136	.1130	.1338	.1348	.1343	.1352	.1289	.1261	.1322	.1325
90.	.2214	.2152	.2170	.2104	.2108	.2161	.2237	.2256	.2275	.2241	.2213	.2223	.2224	.2269
100.			.1605	.1577	.1635	.1567	.1788	.1762	.1763	.1782	.1743	.1698	.1769	.1786
110.		.1550	.1337	.1348	.1419	.1395	.1561	.1567	.1530	.1508	.1504	.1494	.1568	.1648
120.				.1300	.1329	.1340	.1468	.1450	.1442	.1457	.1442	.1417	.1561	.1523
130.	.1493	.1446	.1320	.1287	.1301	.1385	.1419	.1428	.1433	.1424	.1469	.1397	.1481	.1527
150.			.1175	.1298	.1278	.1331	.1367	.1374	.1369	.1377	.1449	.1404	.1376	.1478
180.	.1532	.1421		.1321	.1284	.1329	.1377	.1385	.2327	.1420	.1378	.1449	.1424	.1407

TABLE V. - CONTINUED

(A) MACH = 1.70, BETA = -.02 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.64 DEG								
0.	.2028	.1953	.1967	.1968	.1853	.1926	.1908	.1907	.1905	.1910	.2044	.2105	.2082	0.
30.	.2074	.1952	.1969	.1960	.1914	.1904	.1922	.1942	.1891	.1928	.2087	.2049	.2118	30.
50.	.2086	.1995	.2016	.2017	.1949	.1970	.1978	.2020	.1987	.1943	.1923	.2067	.2155	50.
60.	.2063	.2069	.2069	.2013	.1981	.2034	.2040	.2020	.1994	.1972	.1950	.2034	.2172	60.
70.	.2177	.2175	.2112	.2110	.2123	.2165	.2122	.2130	.2074	.2064	.2098	.2225	.2140	70.
80.	.2430	.2347	.2320	.2243	.2456	.2250	.2290	.2330	.2274	.2346	.2336	.2387	.2400	80.
90.	.1789	.1764	.1786	.1749	.1743	.1710	.1718	.1748	.1747	.1678	.1646	.1745	.1676	90.
100.	.0433	.0404	.0408	.0334	.0433	.0267	.0247	.0274	.0256	.0281	.0290	.0345	.0377	100.
110.	.0475	.0453	.0446	.0480	.0456	.0422	.0433	.0438	.0396	.0444	.0433	.0537	.0476	110.
120.	.0501	.0479	.0493	.0556	.0494	.0519	.0516	.0519	.0473	.0475	.0453	.0506	.0584	120.
130.	.0604	.0522	.0522	.0603	.0555	.0547	.0551	.0570	.0516	.0491	.0454	.0568	.0652	130.
150.	.0627	.0538	.0569	.0578	.0551	.0548	.0540	.0539	.0506	.0518	.0627	.0628	.0684	150.
180.	.0617	.0568	.0592	.0602	.0461	.0537	.0554	.0532	.0533	.0518	.0630	.0674	.0650	180.
						FOR ALPHA = -2.65 DEG								
0.	.1684	.1597	.1618	.1641	.1538	.1597	.1578	.1577	.1584	.1579	.1711	.1760	.1741	0.
30.	.1735	.1597	.1618	.1641	.1599	.1578	.1591	.1610	.1569	.1600	.1737	.1707	.1788	30.
50.	.1744	.1649	.1658	.1677	.1601	.1644	.1650	.1678	.1663	.1616	.1573	.1720	.1817	50.
60.	.1732	.1709	.1722	.1670	.1636	.1682	.1687	.1686	.1674	.1657	.1616	.1695	.1820	60.
70.	.1841	.1834	.1750	.1759	.1765	.1793	.1769	.1792	.1744	.1757	.1754	.1871	.1802	70.
80.	.2114	.2019	.1970	.1906	.2084	.1936	.1972	.2015	.1972	.2007	.2029	.2018	.2037	80.
90.	.2096	.2051	.2064	.2039	.2061	.2022	.2049	.2067	.2049	.2020	.1953	.2031	.1967	90.
100.	.0940	.0906	.0859	.0817	.0961	.0806	.0788	.0807	.0785	.0778	.0836	.0841	.0884	100.
110.	.0845	.0822	.0765	.0759	.0820	.0815	.0810	.0794	.0721	.0738	.0752	.0857	.0803	110.
120.	.0816	.0780	.0779	.0753	.0730	.0848	.0827	.0798	.0753	.0738	.0696	.0767	.0856	120.
130.	.0874	.0779	.0773	.0806	.0743	.0831	.0848	.0822	.0784	.0738	.0681	.0798	.0903	130.
150.	.0867	.0780	.0803	.0803	.0749	.0739	.0799	.0791	.0737	.0756	.0865	.0837	.0901	150.
180.	.0850	.0802	.0833	.0839	.0690	.0737	.0734	.0767	.0762	.0743	.0866	.0911	.0895	180.
						FOR ALPHA = -1.64 DEG								
0.	.1505	.1431	.1466	.1490	.1383	.1436	.1433	.1434	.1423	.1419	.1554	.1609	.1574	0.
30.	.1550	.1431	.1471	.1473	.1440	.1427	.1436	.1453	.1416	.1438	.1578	.1563	.1614	30.
50.	.1573	.1480	.1500	.1515	.1446	.1478	.1493	.1530	.1509	.1495	.1420	.1569	.1652	50.
60.	.1550	.1534	.1548	.1500	.1474	.1516	.1531	.1540	.1514	.1439	.1460	.1538	.1651	60.
70.	.1663	.1660	.1573	.1587	.1596	.1624	.1597	.1625	.1584	.1584	.1561	.1700	.1618	70.
80.	.1957	.1842	.1806	.1742	.1917	.1775	.1812	.1849	.1804	.1864	.1865	.1859	.1856	80.
90.	.2182	.2155	.2171	.2127	.2143	.2135	.2153	.2159	.2160	.2138	.2059	.2137	.2066	90.
100.	.1157	.1122	.1072	.1014	.1184	.1028	.1026	.1029	.1003	.0991	.1054	.1071	.1120	100.
110.	.1012	.0992	.0927	.0911	.0926	.0974	.1004	.1018	.0934	.0906	.0927	.1043	.0984	110.
120.	.0965	.0924	.0919	.0899	.0857	.0972	.0998	.0992	.0921	.0878	.0834	.0898	.0997	120.
130.	.1010	.0913	.0914	.0943	.0886	.0912	.0995	.0991	.0925	.0876	.0821	.0936	.1037	130.
150.	.0998	.0903	.0937	.0939	.0881	.0856	.0873	.0937	.0865	.0875	.0997	.0975	.1025	150.
180.	.0975	.0923	.0953	.0967	.0816	.0855	.0853	.0850	.0890	.0872	.0985	.1043	.1026	180.
						FOR ALPHA = -.65 DEG								
0.	.1336	.1273	.1319	.1335	.1232	.1290	.1281	.1275	.1274	.1271	.1401	.1430	.1395	0.
30.	.1388	.1284	.1310	.1315	.1299	.1289	.1297	.1300	.1268	.1288	.1432	.1402	.1444	30.
50.	.1404	.1330	.1336	.1350	.1295	.1333	.1341	.1365	.1324	.1310	.1269	.1406	.1472	50.
60.	.1383	.1378	.1388	.1336	.1322	.1361	.1374	.1390	.1343	.1330	.1302	.1376	.1478	60.
70.	.1485	.1465	.1391	.1385	.1387	.1420	.1422	.1453	.1424	.1439	.1422	.1532	.1460	70.
80.	.1758	.1659	.1630	.1553	.1697	.1564	.1605	.1657	.1620	.1665	.1663	.1652	.1667	80.
90.	.2240	.2201	.2228	.2185	.2182	.2214	.2221	.2228	.2219	.2214	.2138	.2199	.2132	90.
100.	.1408	.1357	.1291	.1241	.1401	.1301	.1276	.1313	.1254	.1234	.1308	.1296	.1328	100.
110.	.1191	.1185	.1125	.1105	.1102	.1150	.1145	.1157	.1096	.1081	.1077	.1198	.1147	110.
120.	.1128	.1107	.1114	.1063	.1010	.1061	.1131	.1131	.1078	.1032	.0979	.1055	.1155	120.
130.	.1158	.1061	.1064	.1098	.1017	.1046	.1080	.1131	.1075	.1018	.0960	.1071	.1166	130.
150.	.1147	.1034	.1073	.1074	.1020	.1000	.0999	.1033	.1027	.1018	.1132	.1107	.1164	150.
180.	.1120	.1060	.1097	.1105	.0960	.0995	.0987	.0981	.0985	.1020	.1122	.1168	.1165	180.
						FOR ALPHA = .35 DEG								
0.	.1208	.1209	.1288	.1318	.1101	.1206	.1240	.1245	.1131	.1163	.1340	.1398	.1394	0.
30.	.1257	.1195	.1273	.1300	.1155	.1189	.1250	.1281	.1115	.1182	.1363	.1366	.1432	30.
50.	.1263	.1235	.1279	.1324	.1151	.1222	.1298	.1340	.1320	.1190	.1193	.1368	.1455	50.
60.	.1222	.1254	.1307	.1317	.1166	.1262	.1317	.1363	.1319	.1204	.1221	.1333	.1432	60.
70.	.1302	.1315	.1309	.1336	.1357	.1263	.1330	.1378	.1370	.1280	.1317	.1488	.1430	70.
80.	.1533	.1504	.1512	.1475	.1629	.1399	.1478	.1565	.1541	.1450	.1482	.1524	.1596	80.
90.	.2318	.2232	.2284	.2261	.2267	.2213	.2264	.2287	.2310	.2228	.2157	.2243	.2200	90.
100.	.1598	.1557	.1494	.1436	.1582	.1488	.1510	.1516	.1442	.1454	.1511	.1492	.1524	100.
110.	.1357	.1347	.1300	.1285	.1275	.1280	.1327	.1329	.1278	.1259	.1262	.1378	.1341	110.
120.	.1292	.1257	.1261	.1230	.1171	.1211	.1248	.1296	.1235	.1198	.1137	.1202	.1307	120.
130.	.1313	.1213	.1216	.1241	.1172	.1196	.1196	.1280	.1242	.1170	.1112	.1233	.1311	130.
150.	.1299	.1190	.1218	.1218	.1173	.1144	.1136	.1140	.1169	.1165	.1276	.1253	.1295	150.
180.	.1254	.1215	.1240	.1240	.1104	.1146	.1127	.1116	.1103	.1144	.1265	.1316	.1306	180.
						FOR ALPHA = 1.35 DEG								
0.	.1060	.1024	.1050	.1078	.0964	.1027	.1017	.1005	.1006	.1001	.1117	.1154	.1144	0.
30.	.1099	.1013	.1047	.1055	.1024	.1018	.1031	.1029	.0997	.1020	.1153	.1117	.1180	30.
50.	.1120	.1045	.1048	.1080	.1033	.1056	.1083	.1086	.1059	.1039	.0992	.1116	.1183	50.
60.	.1069	.1048	.1057	.1040	.1027	.1084	.1109	.1107	.1062	.1045	.1028	.1069	.1151	60.
70.	.1142	.1107	.1065	.1053	.1063	.1081	.1117	.1167	.1120	.1109	.1097	.1218	.1117	70.
80.	.1330	.1271	.1240	.1156	.1296	.1177	.1217	.1244	.1217	.1228	.1232	.1251	.1309	80.
90.	.2231	.2201	.2210	.2174	.2191	.2179	.2237	.2229	.2241	.2210	.2117	.2184	.2122	90.
100.	.1786	.1755	.1697	.1643	.1820	.1674	.1731	.1739	.1669	.1683	.1744	.1724	.1727	100.
110.	.1538	.1525	.1491	.1473	.1460	.1485	.1508	.1524	.1467	.1442	.1444	.1557	.1503	110.
120.	.1452	.1420	.1430	.1405	.1337	.1377	.1395	.1470	.1412	.1380	.1302	.1358	.1477	120.
130.	.1469	.1360	.1373	.1414	.1338	.1355	.1363	.1411	.1401	.1345	.1270	.1387	.1476	130.
150.	.1454	.1341	.1375	.1371	.1327	.1303	.1294	.1289	.1285	.1334	.1444	.1418	.1465	150.
180.	.1409	.1366	.1390	.1345	.1255	.1293	.1284	.1276	.1251	.1274	.1436	.1472	.1451	180.

TABLE V. - CONTINUED

(A) MACH = 1.70, BETA = -.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.35 DEG								
0.	.1069	.0967		.0951	.0890	.0936	.0965	.0959	.2115	.1005	.0937	.0988	.0953	.0935
30.			.0743	.0922	.0893	.0917	.0941	.0954	.0958	.0964	.1002	.0934	.0900	.0999
50.	.1055	.0989	.0790	.0879	.0883	.0923	.0983	.1003	.1012	.1001	.1009	.0927	.0975	.1036
60.				.0860	.0865	.0852	.0998	.1004	.0986	.1007	.0944	.0900	.0996	.0983
70.		.1002	.0900	.0859	.0843	.0842	.0996	.1035	.1013	.0995	.0928	.0930	.0982	.1011
80.			.0947	.0965	.0953	.0923	.1129	.1127	.1123	.1142	.1077	.1048	.1100	.1111
90.	.2151	.2114	.2119	.2054	.2072	.2109	.2178	.2203	.2215	.2177	.2160	.2159	.2167	.2208
100.			.1824	.1767	.1823	.1745	.1982	.1968	.1957	.1980	.1939	.1905	.1962	.1976
110.		.1733	.1523	.1522	.1590	.1548	.1745	.1763	.1715	.1688	.1678	.1676	.1750	.1822
120.				.1452	.1489	.1481	.1636	.1638	.1602	.1618	.1596	.1580	.1724	.1692
130.	.1636	.1615	.1456	.1435	.1450	.1555	.1593	.1603	.1581	.1567	.1619	.1561	.1655	.1691
150.			.1287	.1444	.1421	.1504	.1540	.1530	.1520	.1523	.1595	.1565	.1536	.1633
180.	.1689	.1602		.1458	.1433	.1501	.1547	.1536	.2314	.1575	.1536	.1616	.1579	.1557
						FOR ALPHA = 3.35 DEG								
0.	.0909	.0822		.0795	.0749	.0796	.0817	.0828	.1977	.0879	.0804	.0866	.0839	.0821
30.			.0579	.0765	.0752	.0771	.0805	.0832	.0842	.0835	.0869	.0812	.0787	.0885
50.	.0886	.0836	.0634	.0715	.0737	.0789	.0839	.0876	.0885	.0858	.0869	.0791	.0860	.0899
60.				.0686	.0701	.0698	.0834	.0859	.0847	.0855	.0809	.0764	.0892	.0857
70.		.0837	.0708	.0673	.0646	.0657	.0821	.0859	.0847	.0817	.0780	.0770	.0827	.0876
80.			.0708	.0726	.0693	.0677	.0900	.0885	.0883	.0911	.0855	.0803	.0868	.0893
90.	.2068	.2025	.2043	.1949	.1957	.1996	.2088	.2092	.2106	.2082	.2053	.2055	.2060	.2084
100.			.2006	.1960	.1972	.1945	.2136	.2140	.2116	.2137	.2095	.2061	.2120	.2130
110.		.1894	.1697	.1703	.1753	.1747	.1919	.1945	.1886	.1864	.1852	.1845	.1930	.1988
120.				.1639	.1671	.1663	.1813	.1813	.1768	.1787	.1751	.1749	.1898	.1861
130.	.1817	.1775	.1637	.1606	.1623	.1720	.1762	.1769	.1741	.1729	.1774	.1713	.1817	.1866
150.			.1485	.1622	.1585	.1678	.1699	.1701	.1685	.1674	.1756	.1724	.1700	.1809
180.	.1860	.1767		.1622	.1598	.1680	.1715	.1696	.2234	.1730	.1688	.1770	.1732	.1729
						FOR ALPHA = 5.35 DEG								
0.	.0670	.0582		.0586	.0536	.0540	.0591	.0618	.1603	.0627	.0572	.0650	.0624	.0605
30.			.0346	.0581	.0520	.0523	.0590	.0617	.0607	.0577	.0627	.0597	.0564	.0657
50.	.0642	.0601	.0353	.0497	.0471	.0538	.0624	.0627	.0608	.0576	.0612	.0548	.0605	.0656
60.				.0433	.0441	.0449	.0614	.0602	.0552	.0558	.0546	.0497	.0611	.0599
70.		.0545	.0373	.0329	.0322	.0348	.0518	.0532	.0492	.0462	.0446	.0441	.0508	.0580
80.			.0294	.0241	.0240	.0234	.0409	.0381	.0367	.0414	.0365	.0320	.0377	.0420
90.	.1845	.1744	.1766	.1653	.1691	.1737	.1816	.1795	.1823	.1790	.1732	.1753	.1736	.1761
100.			.2380	.2384	.2353	.2299	.2501	.2509	.2474	.2465	.2422	.2408	.2476	.2445
110.		.2288	.2114	.2147	.2174	.2134	.2296	.2320	.2244	.2233	.2183	.2216	.2288	.2341
120.				.2066	.2086	.2042	.2180	.2176	.2126	.2123	.2114	.2094	.2260	.2226
130.	.2204	.2174	.2048	.2022	.2050	.2080	.2128	.2122	.2107	.2070	.2130	.2060	.2179	.2231
150.			.1850	.2014	.1998	.2027	.2057	.2044	.2039	.2003	.2100	.2082	.2052	.2148
180.	.2250	.2171		.2004	.1997	.2031	.2059	.2050	.2043	.2081	.2037	.2131	.2095	.2087
						FOR ALPHA = 10.36 DEG								
0.	.0179	.0058		.0055	.0062	.0081	.0133	.0163	.0264	.0215	.0154	.0234	.0206	.0173
30.			-.0057	.0049	.0045	.0066	.0106	.0127	.0126	.0122	.0189	.0136	.0112	.0212
50.	.0104	-.0024	-.0073	-.0044	-.0136	-.0005	.0046	.0073	.0086	.0074	.0091	.0029	.0110	.0136
60.				-.0272	-.0147	-.0111	.0015	-.0018	-.0046	-.0037	-.0047	-.0080	.0033	.0009
70.		-.0353	-.0574	-.0568	-.0656	-.0768	-.0484	-.0296	-.0268	-.0269	-.0297	-.0294	-.0253	-.0219
80.			-.0871	-.1004	-.1014	-.1108	-.1114	-.1177	-.1211	-.1240	-.1297	-.1347	-.1326	-.1314
90.	.0978	.0747	.0907	.0541	.0699	.0732	.0799	.0717	.0722	.0660	.0568	.0547	.0527	.0557
100.			.3187	.3181	.3103	.3046	.3215	.3222	.3170	.3182	.3139	.3132	.3201	.3180
110.		.3264	.3178	.3184	.3137	.3060	.3225	.3214	.3175	.3193	.3172	.3183	.3249	.3304
120.				.3125	.3096	.2991	.3140	.3127	.3109	.3133	.3157	.3094	.3272	.3250
130.	.3253	.3229	.3124	.3079	.3045	.3011	.3085	.3092	.3089	.3090	.3196	.3084	.3195	.3259
150.			.3053	.3070	.3012	.2962	.3007	.3031	.3020	.3050	.3177	.3148	.3078	.3198
180.	.3343	.3212		.3028	.3007	.2984	.3032	.3053	.1181	.3120	.3098	.3198	.3146	.3121
						FOR ALPHA = 15.35 DEG								
0.	-.0262	-.0269		-.0275	-.0283	-.0321	-.0236	-.0191	-.0668	-.0216	-.0269	-.0182	-.0176	-.0208
30.			-.0503	-.0283	-.0298	-.0318	-.0246	-.0177	-.0176	-.0193	-.0195	-.0215	-.0223	-.0125
50.	-.0350	-.0220	-.0508	-.0703	-.0973	-.0926	-.0766	-.0566	-.0423	-.0309	-.0274	-.0252	-.0141	-.0001
60.				-.1493	-.1293	-.1250	-.1197	-.1417	-.1533	-.1661	-.1864	-.1936	-.1853	-.1905
70.		-.1834	-.1661	-.1947	-.2090	-.2321	-.2261	-.2271	-.2212	-.2141	-.2192	-.2154	-.2111	-.2019
80.			-.1942	-.2134	-.2119	-.2142	-.2105	-.2100	-.2093	-.2099	-.2169	-.2176	-.2180	-.2169
90.	.0196	-.0145	-.0029	-.0397	-.0175	-.0094	-.0033	-.0141	-.0151	-.0237	-.0348	-.0408	-.0404	-.0387
100.			.4097	.4066	.4026	.3872	.3874	.3991	.3911	.3882	.3889	.3893	.3950	.3944
110.		.4463	.4347	.4308	.4337	.4246	.4265	.4303	.4304	.4306	.4244	.4291	.4365	.4400
120.				.4307	.4310	.4268	.4312	.4272	.4332	.4341	.4341	.4261	.4491	.4423
130.	.4513	.4469	.4339	.4310	.4294	.4232	.4323	.4286	.4318	.4360	.4405	.4270	.4427	.4476
150.			.4309	.4315	.4269	.4216	.4264	.4273	.4266	.4318	.4412	.4327	.4284	.4426
180.	.4613	.4488		.4286	.4265	.4247	.4321	.4315	.0366	.4394	.4364	.4400	.4344	.4377
						FOR ALPHA = 20.35 DEG								
0.	-.0718	-.0642		-.0720	-.0727	-.0658	-.0598	-.0605	-.1498	-.0626	-.0684	-.0599	-.0598	-.0635
30.			-.1312	-.0817	-.0798	-.0651	-.0612	-.0618	-.0657	-.0695	-.0612	-.0630	-.0671	-.0583
50.	-.1132	-.1582	-.1824	-.2216	-.2536	-.2428	-.2263	-.2013	-.1865	-.1809	-.1855	-.1978	-.1863	-.1798
60.				-.2718	-.2940	-.3263	-.3438	-.3468	-.3478	-.3464	-.3483	-.3475	-.3359	-.3370
70.		-.2828	-.2446	-.2743	-.2979	-.2987	-.2961	-.3019	-.3072	-.3098	-.3103	-.3042	-.2987	-.3007
80.			-.2779	-.2837	-.2775	-.2756	-.2696	-.2668	-.2658	-.2645	-.2680	-.2684	-.2740	-.2745
90.	-.0514	-.0805	-.0658	-.1129	-.0938	-.0901	-.0804	-.0871	-.0906	-.0910	-.0912	-.1033	-.1060	-.1071
100.			.4934	.4866	.4753	.4573	.4732	.4754	.4650	.4645	.4705	.4746	.4723	.4741
110.		.5641	.5440	.5509	.5459	.5355	.5517	.5492	.5447	.5523	.5469	.5585	.5588	.5592
120.				.5590	.5569	.5540	.5671	.5614	.5630	.5679	.5652	.5595	.5903	.5711
130.	.5873	.5801	.5591	.5670	.5607	.5584	.5694	.5674	.5665	.5719	.5746	.5636	.5869	.5832
150.			.5611	.5639	.5604	.5581	.5672	.5651	.5671	.5744	.5795	.5716	.5700	.5874
180.	.6054	.5893		.5686	.5625	.5658	.5753	.5725	-.0314	.5815	.5759	.5811	.5722	.5852

TABLE V. - CONTINUED

(A) MACH = 1.70, BETA = -.02 DEG, CONCLUDED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = 2.35 DEG								
0.	.0945	.0899	.0934	.0957	.0836	.0893	.0884	.0876	.0883	.0868	.0980	.1023	.1013	0.
30.	.0974	.0883	.0926	.0946	.0890	.0895	.0906	.0904	.0864	.0892	.1004	.0991	.1046	30.
50.	.0976	.0916	.0921	.0949	.0911	.0942	.0952	.0959	.0934	.0898	.0845	.0970	.1029	50.
60.	.0912	.0911	.0901	.0891	.0885	.0961	.0966	.0965	.0920	.0900	.0884	.0909	.0993	60.
70.	.0975	.0942	.0901	.0868	.0920	.0932	.0988	.1008	.0940	.0938	.0931	.1033	.0934	70.
80.	.1105	.1058	.1023	.0958	.1092	.0959	.1006	.1046	.0999	.0989	.1016	.1043	.1096	80.
90.	.2180	.2141	.2142	.2122	.2128	.2109	.2175	.2187	.2181	.2123	.2049	.2123	.2058	90.
100.	.1986	.1943	.1892	.1817	.2023	.1851	.1948	.1951	.1866	.1901	.1929	.1910	.1902	100.
110.	.1709	.1716	.1662	.1645	.1648	.1671	.1684	.1709	.1638	.1610	.1608	.1714	.1669	110.
120.	.1620	.1587	.1596	.1571	.1520	.1561	.1574	.1627	.1571	.1543	.1470	.1528	.1642	120.
130.	.1628	.1522	.1539	.1575	.1510	.1539	.1527	.1550	.1567	.1501	.1436	.1545	.1631	130.
150.	.1604	.1503	.1531	.1534	.1487	.1466	.1450	.1445	.1431	.1504	.1612	.1569	.1612	150.
180.	.1566	.1527	.1558	.1550	.1412	.1457	.1443	.1433	.1407	.1426	.1591	.1627	.1604	180.
						FOR ALPHA = 3.35 DEG								
0.	.0827	.0785	.0821	.0838	.0733	.0775	.0761	.0757	.0752	.0734	.0856	.0889	.0883	0.
30.	.0850	.0763	.0818	.0832	.0774	.0761	.0772	.0777	.0747	.0755	.0877	.0857	.0902	30.
50.	.0855	.0796	.0790	.0819	.0770	.0792	.0808	.0816	.0797	.0761	.0711	.0816	.0883	50.
60.	.0789	.0781	.0781	.0774	.0753	.0802	.0805	.0804	.0764	.0755	.0723	.0752	.0836	60.
70.	.0816	.0787	.0759	.0764	.0781	.0796	.0806	.0798	.0746	.0763	.0756	.0827	.0746	70.
80.	.0873	.0857	.0815	.0750	.0875	.0754	.0775	.0823	.0760	.0778	.0788	.0818	.0847	80.
90.	.2062	.2030	.2036	.2012	.2009	.2003	.2055	.2079	.2094	.1999	.1932	.2019	.1942	90.
100.	.2148	.2104	.2056	.1980	.2190	.2019	.2130	.2123	.2056	.2107	.2093	.2093	.2091	100.
110.	.1881	.1874	.1842	.1828	.1826	.1868	.1857	.1896	.1830	.1782	.1800	.1914	.1847	110.
120.	.1791	.1754	.1765	.1743	.1702	.1739	.1750	.1788	.1754	.1717	.1638	.1701	.1830	120.
130.	.1795	.1681	.1713	.1739	.1687	.1702	.1699	.1719	.1746	.1677	.1609	.1712	.1816	130.
150.	.1760	.1671	.1701	.1697	.1652	.1634	.1621	.1617	.1592	.1671	.1784	.1733	.1786	150.
180.	.1730	.1683	.1726	.1720	.1577	.1617	.1620	.1590	.1577	.1580	.1767	.1800	.1782	180.
						FOR ALPHA = 5.35 DEG								
0.	.0625	.0584	.0619	.0630	.0496	.0543	.0541	.0525	.0514	.0511	.0609	.0647	.0642	0.
30.	.0646	.0562	.0605	.0597	.0533	.0531	.0548	.0543	.0500	.0520	.0630	.0612	.0657	30.
50.	.0623	.0566	.0557	.0600	.0517	.0540	.0552	.0575	.0543	.0494	.0447	.0554	.0635	50.
60.	.0537	.0520	.0543	.0532	.0473	.0512	.0519	.0528	.0497	.0465	.0420	.0477	.0538	60.
70.	.0502	.0487	.0446	.0477	.0479	.0448	.0452	.0450	.0423	.0417	.0401	.0428	.0411	70.
80.	.0399	.0394	.0334	.0304	.0426	.0301	.0286	.0301	.0282	.0241	.0271	.0320	.0348	80.
90.	.1761	.1723	.1715	.1696	.1705	.1698	.1734	.1748	.1761	.1629	.1628	.1696	.1637	90.
100.	.2500	.2443	.2389	.2318	.2546	.2365	.2484	.2461	.2406	.2467	.2405	.2426	.2420	100.
110.	.2225	.2240	.2199	.2197	.2191	.2258	.2245	.2282	.2176	.2164	.2159	.2265	.2186	110.
120.	.2136	.2097	.2135	.2101	.2083	.2127	.2128	.2174	.2112	.2062	.1994	.2073	.2228	120.
130.	.2137	.2033	.2063	.2092	.2056	.2071	.2066	.2100	.2092	.2032	.1966	.2081	.2176	130.
150.	.2131	.2034	.2057	.2041	.1999	.1983	.1984	.1971	.1960	.2033	.2152	.2101	.2141	150.
180.	.2088	.2041	.2074	.2073	.1921	.1981	.1958	.1949	.1939	.1952	.2138	.2159	.2116	180.
						FOR ALPHA = 10.36 DEG								
0.	.0192	.0119	.0147	.0156	.0008	.0050	.0044	.0015	.0021	.0017	.0132	.0184	.0192	0.
30.	.0166	.0063	.0093	.0090	.0027	.0023	.0039	.0043	.0006	.0018	.0129	.0132	.0156	30.
50.	.0076	.0018	.0006	.0022	-.0059	-.0033	-.0024	-.0016	-.0037	-.0028	-.0085	-.0015	.0029	50.
60.	-.0065	-.0073	-.0054	-.0077	-.0153	-.0120	-.0108	-.0122	-.0117	-.0156	-.0185	-.0132	-.0068	60.
70.	-.0271	-.0254	-.0294	-.0298	-.0303	-.0358	-.0372	-.0360	-.0443	-.0419	-.0428	-.0353	-.0371	70.
80.	-.1261	-.1252	-.1214	-.1239	-.1174	-.1225	-.1188	-.1209	-.1228	-.1255	-.1201	-.1163	-.1158	80.
90.	.0545	.0498	.0495	.0436	.0466	.0421	.0369	.0339	.0332	.0331	.0300	.0353	.0401	90.
100.	.3194	.3167	.3120	.3049	.3306	.3168	.3210	.3167	.3061	.3112	.3123	.3158	.3234	100.
110.	.3159	.3179	.3161	.3167	.3188	.3318	.3222	.3238	.3181	.3086	.3081	.3204	.3189	110.
120.	.3131	.3101	.3122	.3114	.3097	.3185	.3177	.3160	.3127	.3095	.3003	.3069	.3221	120.
130.	.3163	.3021	.3052	.3085	.3070	.3107	.3160	.3175	.3120	.3038	.3017	.3136	.3200	130.
150.	.3167	.3016	.3040	.3015	.2999	.3029	.3080	.3111	.3013	.3006	.3167	.3143	.3231	150.
180.	.3112	.3042	.3047	.3036	.2936	.3024	.3016	.3037	.3015	.2994	.3143	.3199	.3181	180.
						FOR ALPHA = 15.35 DEG								
0.	-.0269	-.0304	-.0253	-.0209	-.0418	-.0361	-.0321	-.0295	-.0355	-.0368	-.0225	-.0157	-.0120	0.
30.	-.0221	-.0298	-.0245	-.0242	-.0375	-.0347	-.0302	-.0305	-.0394	-.0360	-.0244	-.0209	-.0143	30.
50.	-.0133	-.0148	-.0127	-.0082	-.0230	-.0182	-.0162	-.0135	-.0132	-.0223	-.0219	-.0032	.0010	50.
60.	-.1989	-.1965	-.1927	-.1989	-.2048	-.2060	-.2065	-.2024	-.2041	-.2084	-.2094	-.2076	-.1979	60.
70.	-.2078	-.2031	-.2073	-.2064	-.2177	-.2204	-.2241	-.2197	-.2209	-.2253	-.2231	-.2132	-.2193	70.
80.	-.2135	-.2202	-.2160	-.2226	-.2219	-.2298	-.2274	-.2255	-.2287	-.2281	-.2241	-.2231	-.2249	80.
90.	-.0358	-.0349	-.0404	-.0484	-.0546	-.0676	-.0655	-.0663	-.0733	-.0662	-.0672	-.0611	-.0568	90.
100.	.3905	.4016	.4003	.3760	.3976	.3835	.3894	.3826	.3789	.3850	.3916	.3907	.3897	100.
110.	.4234	.4252	.4352	.4349	.4241	.4346	.4258	.4270	.4180	.4170	.4224	.4338	.4318	110.
120.	.4293	.4249	.4283	.4407	.4374	.4343	.4284	.4288	.4259	.4212	.4209	.4322	.4427	120.
130.	.4349	.4205	.4264	.4396	.4397	.4365	.4290	.4317	.4297	.4238	.4200	.4394	.4410	130.
150.	.4382	.4210	.4271	.4269	.4315	.4322	.4306	.4267	.4231	.4290	.4431	.4375	.4451	150.
180.	.4308	.4244	.4266	.4283	.4214	.4315	.4322	.4301	.4258	.4246	.4417	.4458	.4435	180.
						FOR ALPHA = 20.35 DEG								
0.	-.0627	-.0679	-.0655	-.0676	-.0826	-.0809	-.0785	-.0754	-.0740	-.0770	-.0691	-.0626	-.0595	0.
30.	-.0623	-.0722	-.0727	-.0733	-.0824	-.0814	-.0801	-.0780	-.0756	-.0717	-.0628	-.0651	-.0613	30.
50.	-.1840	-.1893	-.1958	-.1968	-.1945	-.1982	-.2024	-.2019	-.2022	-.2080	-.2119	-.1978	-.1996	50.
60.	-.3457	-.3418	-.3348	-.3339	-.3345	-.3401	-.3437	-.3444	-.3404	-.3430	-.3462	-.3460	-.3423	60.
70.	-.3013	-.2944	-.2928	-.2994	-.3001	-.3000	-.2941	-.2959	-.2951	-.2963	-.2976	-.2917	-.2909	70.
80.	-.2655	-.2740	-.2753	-.2784	-.2740	-.2798	-.2834	-.2851	-.2876	-.2871	-.2867	-.2858	-.2850	80.
90.	-.1043	-.1078	-.1094	-.1162	-.1143	-.1278	-.1308	-.1236	-.1271	-.1256	-.1305	-.1277	-.1257	90.
100.	.4735	.4734	.4605	.4492	.4778	.4635	.4622	.4522	.4675	.4663	.4676	.4660	.4818	100.
110.	.5420	.5497	.5427	.5379	.5424	.5554	.5459	.5511	.5375	.5342	.5370	.5556	.5451	110.
120.	.5621	.5576	.5612	.5578	.5584	.5632	.5656	.5624	.5625	.5476	.5456	.5623	.5718	120.
130.	.5721	.5550	.5643	.5641	.5637	.5679	.5701	.5709	.5683	.5612	.5532	.5689	.5718	130.
150.	.5779	.5599	.5681	.5638	.5666	.5671	.5722	.5686	.5624	.5677	.5902	.5691	.5724	150.
180.	.5694	.5644	.5667	.5702	.5610	.5700	.5698	.5666	.5609	.5649	.5857	.5862	.5736	180.

TABLE V. - CONTINUED

(8) MACH = 1.70, BETA = 1.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.66 DEG								
0.	.2107	.1982		.1915	.1867	.1963	.2020	.2033	.2070	.2072	.2009	.2096	.2051	.2033
30.			.1775	.1890	.1822	.1924	.2003	.2039	.2019	.2005	.2086	.2040	.1968	.2062
50.	.2034	.1974	.1954	.1855	.1838	.1970	.2067	.2082	.2061	.2047	.2112	.2007	.2081	.2121
60.				.1878	.1886	.1871	.2093	.2094	.2070	.2081	.2076	.2028	.2166	.2121
70.		.2036	.1962	.1932	.1959	.1956	.2174	.2184	.2147	.2168	.2141	.2136	.2187	.2239
80.			.2075	.2097	.2100	.2099	.2309	.2326	.2329	.2344	.2304	.2274	.2343	.2289
90.	.1693	.1600	.1663	.1547	.1569	.1604	.1664	.1673	.1717	.1684	.1628	.1620	.1603	.1620
100.			.0382	.0352	.0333	.0277	.0384	.0418	.0400	.0458	.0417	.0366	.0407	.0438
110.		.0591	.0483	.0422	.0415	.0396	.0471	.0516	.0516	.0511	.0481	.0492	.0533	.0581
120.				.0488	.0497	.0484	.0569	.0574	.0570	.0602	.0559	.0534	.0645	.0606
130.	.0665	.0640	.0367	.0538	.0541	.0552	.0585	.0602	.0621	.0625	.0641	.0576	.0635	.0666
150.			.0361	.0592	.0554	.0544	.0588	.0602	.0613	.0609	.0662	.0615	.0571	.0652
180.	.0674	.0603		.0591	.0555	.0552	.0604	.0614	.1678	.0661	.0594	.0649	.0621	.0611
210.			.0274	.0548	.0515	.0528	.0562	.0601	.0617	.0592	.0640	.0589	.0570	.0661
230.	.0614	.0596	.0440	.0461	.0468	.0533	.0570	.0614	.0619	.0605	.0598	.0546	.0611	.0645
240.				.0396	.0421	.0416	.0559	.0565	.0549	.0564	.0506	.0482	.0584	.0558
250.		.0553	.0433	.0332	.0307	.0322	.0472	.0498	.0487	.0465	.0428	.0435	.0495	.0500
260.			.0362	.0280	.0250	.0240	.0424	.0422	.0433	.0437	.0412	.0403	.0412	.0435
270.	.2047	.1959	.2018	.1873	.1856	.1936	.2040	.2021	.2030	.1997	.2004	.1980	.1957	.2026
280.			.2352	.2339	.2317	.2277	.2547	.2567	.2526	.2537	.2532	.2489	.2520	.2542
290.		.2197	.2065	.2060	.2092	.2069	.2268	.2320	.2292	.2258	.2246	.2258	.2303	.2342
300.				.1961	.1995	.1967	.2137	.2169	.2164	.2155	.2151	.2104	.2251	.2201
310.	.2100	.2027	.2007	.1917	.1971	.2006	.2066	.2110	.2133	.2112	.2153	.2050	.2156	.2201
330.			.1894	.1926	.1918	.1954	.1999	.2011	.2039	.2044	.2112	.2046	.2024	.2140
						FOR ALPHA = -2.65 DEG								
0.	.1763	.1675		.1603	.1568	.1632	.1681	.1692	.2258	.1734	.1661	.1741	.1696	.1684
30.			.1479	.1602	.1559	.1614	.1672	.1703	.1694	.1679	.1750	.1682	.1614	.1730
50.	.1716	.1664	.1643	.1554	.1599	.1656	.1722	.1740	.1730	.1724	.1767	.1664	.1731	.1790
60.				.1572	.1600	.1579	.1769	.1761	.1735	.1757	.1736	.1682	.1817	.1780
70.		.1728	.1653	.1611	.1659	.1659	.1856	.1864	.1821	.1822	.1783	.1787	.1844	.1900
80.			.1813	.1816	.1826	.1846	.2018	.2009	.2006	.2013	.1969	.1947	.2022	.2006
90.	.1942	.1862	.1673	.1650	.1855	.1904	.1933	.1961	.2004	.1965	.1922	.1927	.1919	.1918
100.			.0832	.0778	.0765	.0733	.0899	.0873	.0898	.0943	.0877	.0832	.0886	.0899
110.		.0880	.0728	.0722	.0750	.0712	.0819	.0855	.0848	.0840	.0811	.0806	.0876	.0923
120.				.0743	.0770	.0732	.0846	.0852	.0835	.0866	.0852	.0800	.0932	.0893
130.	.0911	.0876	.0669	.0775	.0773	.0800	.0834	.0848	.0858	.0862	.0907	.0827	.0891	.0939
150.			.0563	.0812	.0782	.0774	.0818	.0821	.0828	.0834	.0914	.0862	.0822	.0901
180.	.0939	.0867		.0797	.0762	.0786	.0830	.0829	.2045	.0881	.0831	.0901	.0874	.0852
210.			.0533	.0758	.0738	.0752	.0798	.0824	.0842	.0831	.0893	.0849	.0817	.0906
230.	.0904	.0861	.0788	.0708	.0721	.0746	.0822	.0879	.0873	.0864	.0882	.0822	.0882	.0912
240.				.0665	.0694	.0696	.0813	.0858	.0833	.0858	.0816	.0783	.0903	.0878
250.		.0902	.0758	.0659	.0650	.0656	.0803	.0852	.0834	.0820	.0785	.0797	.0866	.0901
260.			.0815	.0777	.0750	.0701	.0924	.0906	.0927	.0968	.0932	.0903	.0923	.0951
270.	.2264	.2205	.2182	.2142	.2119	.2157	.2245	.2283	.2299	.2274	.2252	.2257	.2233	.2290
280.			.1967	.1939	.1950	.1923	.2150	.2179	.2169	.2186	.2157	.2116	.2166	.2182
290.		.1820	.1733	.1707	.1737	.1708	.1879	.1936	.1924	.1897	.1874	.1865	.1928	.1990
300.				.1609	.1641	.1633	.1791	.1784	.1806	.1807	.1790	.1744	.1870	.1829
310.	.1744	.1691	.1625	.1588	.1633	.1675	.1715	.1763	.1786	.1759	.1790	.1702	.1779	.1836
330.			.1434	.1588	.1600	.1634	.1654	.1671	.1685	.1704	.1773	.1679	.1664	.1778
						FOR ALPHA = -1.65 DEG								
0.	.1614	.1522		.1467	.1423	.1470	.1523	.1540	.2306	.1580	.1510	.1581	.1547	.1526
30.			.1330	.1462	.1419	.1456	.1511	.1538	.1537	.1532	.1595	.1515	.1473	.1575
50.	.1568	.1517	.1511	.1418	.1433	.1496	.1574	.1585	.1582	.1575	.1607	.1495	.1577	.1621
60.				.1432	.1445	.1445	.1616	.1594	.1583	.1598	.1585	.1519	.1669	.1624
70.		.1590	.1509	.1468	.1500	.1534	.1685	.1696	.1654	.1643	.1624	.1620	.1686	.1738
80.			.1649	.1652	.1656	.1699	.1876	.1864	.1868	.1865	.1821	.1799	.1862	.1855
90.	.2006	.1932	.1962	.1935	.1919	.1999	.2019	.2056	.2088	.2051	.2021	.2036	.2029	.2024
100.			.0998	.0972	.0930	.0930	.1108	.1105	.1116	.1132	.1054	.1034	.1090	.1095
110.		.1007	.0848	.0860	.0862	.0876	.0987	.1000	.1000	.0988	.0927	.0943	.1017	.1038
120.				.0865	.0873	.0855	.0980	.0985	.0971	.1004	.0976	.0953	.1071	.1045
130.	.1011	.0976	.0820	.0873	.0872	.0929	.0962	.0972	.0980	.0994	.1021	.0954	.1026	.1071
150.			.0687	.0894	.0877	.0892	.0940	.0944	.0958	.0960	.1022	.0992	.0947	.1041
180.	.1056	.0975		.0916	.0893	.0890	.0952	.0969	.2176	.1010	.0949	.1019	.1008	.0995
210.			.0713	.0910	.0896	.0870	.0924	.0967	.0994	.0977	.1017	.0979	.0962	.1059
230.	.1048	.1030	.0946	.0893	.0886	.0885	.0936	.1007	.1031	.1011	.1016	.0959	.1040	.1099
240.				.0876	.0866	.0855	.0965	.1011	.1011	.1037	.0951	.0935	.1060	.1054
250.		.1065	.0936	.0874	.0859	.0844	.0986	.1019	.1033	.1028	.0963	.0961	.1052	.1095
260.			.1072	.1034	.1006	.0960	.1152	.1145	.1180	.1228	.1156	.1131	.1194	.1207
270.	.2344	.2260	.2290	.2257	.2209	.2277	.2319	.2362	.2394	.2369	.2332	.2344	.2344	.2401
280.			.1799	.1775	.1787	.1752	.1982	.2005	.1988	.2014	.1968	.1932	.1993	.2002
290.		.1668	.1561	.1538	.1570	.1549	.1715	.1769	.1750	.1728	.1712	.1682	.1750	.1821
300.				.1470	.1490	.1473	.1618	.1628	.1645	.1649	.1628	.1570	.1697	.1664
310.	.1597	.1546	.1469	.1450	.1468	.1518	.1562	.1594	.1624	.1611	.1638	.1540	.1616	.1673
330.			.1287	.1452	.1446	.1477	.1507	.1525	.1545	.1550	.1603	.1533	.1514	.1621

TABLE V. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.66 DEG								
0.	.2031	.1963	.1980	.1973	.1859	.1921	.1905	.1902	.1899	.1912	.2063	.2105	.2084	0.
30.	.2046	.1956	.1965	.1921	.1874	.1891	.1915	.1917	.1883	.1930	.2087	.2041	.2108	30.
50.	.2058	.1969	.1956	.1949	.1930	.1946	.1947	.1975	.1948	.1922	.1909	.2050	.2124	50.
60.	.2040	.1988	.1996	.1980	.1961	.1990	.1982	.1981	.1948	.1946	.1937	.2017	.2119	60.
70.	.2089	.2069	.2059	.2049	.2058	.2087	.2055	.2073	.2017	.2008	.2065	.2118	.2074	70.
80.	.2286	.2262	.2215	.2129	.2324	.2138	.2209	.2223	.2197	.2209	.2236	.2292	.2284	80.
90.	.1628	.1644	.1620	.1575	.1562	.1529	.1567	.1618	.1523	.1487	.1499	.1575	.1515	90.
100.	.0447	.0469	.0403	.0347	.0455	.0261	.0280	.0296	.0303	.0227	.0307	.0338	.0342	100.
110.	.0486	.0531	.0491	.0483	.0467	.0421	.0412	.0431	.0395	.0428	.0415	.0467	.0454	110.
120.	.0518	.0499	.0564	.0539	.0467	.0490	.0492	.0490	.0479	.0482	.0463	.0511	.0549	120.
130.	.0586	.0506	.0562	.0600	.0502	.0519	.0538	.0541	.0518	.0493	.0469	.0569	.0636	130.
150.	.0605	.0519	.0547	.0608	.0533	.0522	.0531	.0536	.0492	.0501	.0631	.0621	.0671	150.
180.	.0611	.0556	.0580	.0600	.0476	.0522	.0527	.0537	.0538	.0529	.0626	.0663	.0654	180.
210.	.0639	.0550	.0577	.0560	.0505	.0530	.0569	.0545	.0518	.0540	.0657	.0641	.0681	210.
230.	.0599	.0529	.0532	.0559	.0534	.0585	.0569	.0565	.0515	.0509	.0452	.0570	.0652	230.
240.	.0499	.0481	.0480	.0494	.0519	.0546	.0534	.0526	.0482	.0475	.0438	.0492	.0580	240.
250.	.0466	.0433	.0410	.0407	.0449	.0420	.0433	.0469	.0401	.0426	.0426	.0531	.0520	250.
260.	.0442	.0416	.0347	.0321	.0439	.0272	.0253	.0248	.0194	.0256	.0287	.0385	.0378	260.
270.	.1976	.1948	.1923	.1917	.1912	.1884	.1888	.1890	.1883	.1867	.1884	.1917	.1857	270.
280.	.2563	.2452	.2418	.2350	.2581	.2372	.2402	.2461	.2379	.2450	.2474	.2485	.2499	280.
290.	.2233	.2271	.2189	.2162	.2188	.2233	.2181	.2181	.2126	.2137	.2195	.2291	.2212	290.
300.	.2120	.2105	.2124	.2067	.2018	.2064	.2078	.2063	.2033	.2010	.1990	.2088	.2209	300.
310.	.2132	.2026	.2043	.2057	.1978	.2010	.2018	.2038	.2016	.1973	.1940	.2085	.2188	310.
330.	.2108	.1976	.1989	.1984	.1954	.1925	.1929	.1958	.1904	.1929	.2100	.2068	.2138	330.
						FOR ALPHA = -2.65 DEG								
0.	.1681	.1601	.1621	.1647	.1526	.1580	.1575	.1582	.1587	.1586	.1717	.1762	.1754	0.
30.	.1710	.1602	.1622	.1597	.1543	.1555	.1580	.1602	.1569	.1592	.1743	.1705	.1786	30.
50.	.1719	.1620	.1604	.1623	.1594	.1620	.1624	.1651	.1639	.1609	.1571	.1704	.1803	50.
60.	.1711	.1643	.1631	.1661	.1614	.1635	.1653	.1654	.1648	.1644	.1607	.1675	.1790	60.
70.	.1779	.1738	.1713	.1708	.1701	.1757	.1737	.1735	.1718	.1721	.1732	.1778	.1737	70.
80.	.1976	.1953	.1899	.1817	.2002	.1845	.1907	.1938	.1910	.1910	.1929	.1956	.1948	80.
90.	.1928	.1914	.1919	.1911	.1899	.1873	.1905	.1923	.1871	.1819	.1816	.1894	.1816	90.
100.	.0906	.0894	.0882	.0842	.0961	.0777	.0762	.0817	.0785	.0724	.0768	.0821	.0846	100.
110.	.0826	.0813	.0782	.0833	.0807	.0802	.0767	.0750	.0714	.0732	.0734	.0801	.0777	110.
120.	.0815	.0774	.0771	.0785	.0764	.0796	.0787	.0777	.0735	.0730	.0708	.0773	.0838	120.
130.	.0864	.0767	.0757	.0787	.0779	.0813	.0805	.0806	.0763	.0721	.0687	.0809	.0895	130.
150.	.0875	.0756	.0773	.0766	.0723	.0795	.0787	.0765	.0724	.0733	.0844	.0840	.0905	150.
180.	.0850	.0794	.0809	.0822	.0693	.0735	.0750	.0744	.0751	.0763	.0871	.0903	.0885	180.
210.	.0888	.0787	.0819	.0812	.0752	.0741	.0746	.0776	.0772	.0779	.0895	.0892	.0930	210.
230.	.0864	.0781	.0792	.0829	.0765	.0787	.0821	.0861	.0796	.0771	.0714	.0810	.0893	230.
240.	.0803	.0772	.0770	.0775	.0734	.0796	.0871	.0833	.0770	.0771	.0718	.0750	.0845	240.
250.	.0831	.0818	.0759	.0751	.0749	.0817	.0868	.0846	.0753	.0761	.0738	.0870	.0842	250.
260.	.0951	.0943	.0887	.0797	.0917	.0826	.0824	.0824	.0777	.0794	.0862	.0946	.0965	260.
270.	.2277	.2219	.2216	.2185	.2188	.2197	.2204	.2215	.2192	.2190	.2153	.2199	.2127	270.
280.	.2211	.2116	.2060	.2001	.2167	.1999	.2046	.2097	.2051	.2068	.2121	.2102	.2137	280.
290.	.1889	.1894	.1806	.1785	.1822	.1848	.1805	.1836	.1789	.1804	.1813	.1932	.1851	290.
300.	.1771	.1745	.1762	.1711	.1659	.1707	.1734	.1726	.1702	.1670	.1645	.1733	.1842	300.
310.	.1776	.1662	.1678	.1718	.1635	.1660	.1668	.1686	.1688	.1656	.1586	.1746	.1840	310.
330.	.1744	.1615	.1632	.1642	.1631	.1602	.1602	.1621	.1580	.1603	.1762	.1734	.1802	330.
						FOR ALPHA = -1.65 DEG								
0.	.1512	.1433	.1469	.1497	.1377	.1434	.1435	.1439	.1434	.1425	.1558	.1611	.1587	0.
30.	.1545	.1443	.1474	.1444	.1389	.1414	.1432	.1450	.1409	.1441	.1585	.1560	.1625	30.
50.	.1552	.1460	.1454	.1471	.1435	.1453	.1465	.1502	.1493	.1455	.1408	.1558	.1645	50.
60.	.1541	.1475	.1475	.1490	.1445	.1490	.1506	.1523	.1506	.1478	.1441	.1512	.1622	60.
70.	.1615	.1566	.1550	.1534	.1543	.1600	.1561	.1592	.1566	.1565	.1560	.1620	.1564	70.
80.	.1822	.1802	.1757	.1670	.1869	.1684	.1736	.1793	.1755	.1767	.1761	.1789	.1768	80.
90.	.2026	.2011	.2016	.1997	.2002	.1986	.2018	.2029	.1981	.1925	.1918	.1988	.1915	90.
100.	.1082	.1070	.1044	.1030	.1162	.0984	.0978	.1022	.0996	.0938	.0982	.1035	.1081	100.
110.	.0972	.0944	.0921	.0935	.0970	.0958	.0983	.0964	.0911	.0898	.0928	.0987	.0956	110.
120.	.0944	.0932	.0923	.0901	.0906	.0952	.0953	.0951	.0897	.0876	.0850	.0912	.1005	120.
130.	.0988	.0902	.0895	.0904	.0851	.0947	.0956	.0963	.0915	.0855	.0816	.0951	.1048	130.
150.	.1004	.0894	.0902	.0897	.0828	.0861	.0937	.C908	.0849	.0866	.0986	.0962	.1037	150.
180.	.0981	.0917	.0942	.0962	.0815	.0860	.0862	.0876	.0863	.0883	.1014	.1051	.1037	180.
210.	.1017	.0928	.0963	.0960	.0889	.0875	.0892	.0899	.0886	.0906	.1031	.1033	.1082	210.
230.	.1015	.0922	.0956	.1004	.0920	.0932	.0942	.1019	.0975	.0912	.0858	.0967	.1052	230.
240.	.0958	.0930	.0938	.0933	.0901	.0938	.0968	.1033	.0945	.0926	.0878	.0917	.1019	240.
250.	.1017	.1008	.0970	.0951	.0930	.0925	.1047	.1066	.0991	.0943	.0927	.1055	.1036	250.
260.	.1205	.1170	.1135	.1052	.1167	.1061	.1081	.1105	.1063	.1026	.1100	.1197	.1217	260.
270.	.2390	.2311	.2326	.2292	.2301	.2283	.2329	.2330	.2312	.2304	.2272	.2318	.2244	270.
280.	.2043	.1934	.1670	.1820	.1986	.1838	.1864	.1914	.1890	.1915	.1955	.1919	.1955	280.
290.	.1713	.1711	.1633	.1622	.1641	.1662	.1635	.1669	.1633	.1640	.1630	.1739	.1689	290.
300.	.1578	.1568	.1598	.1540	.1499	.1541	.1559	.1568	.1549	.1513	.1478	.1569	.1689	300.
310.	.1601	.1500	.1522	.1559	.1483	.1504	.1521	.1555	.1534	.1480	.1429	.1588	.1683	310.
330.	.1572	.1445	.1477	.1500	.1462	.1448	.1456	.1472	.1428	.1445	.1588	.1580	.1642	330.

TABLE V. - CONTINUED

(8) MACH = 1.70, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -.65 DEG								
0.	.1446	.1340		.1297	.1269	.1315	.1375	.1394	.2308	.1419	.1352	.1422	.1389	.1363
30.			.1177	.1300	.1270	.1308	.1361	.1391	.1398	.1401	.1426	.1369	.1329	.1408
50.	.1402	.1346	.1335	.1268	.1272	.1347	.1421	.1426	.1429	.1428	.1437	.1349	.1432	.1476
60.				.1266	.1279	.1299	.1449	.1444	.1434	.1440	.1403	.1367	.1496	.1475
70.		.1406	.1349	.1289	.1316	.1364	.1517	.1538	.1503	.1481	.1457	.1440	.1524	.1589
80.			.1468	.1477	.1474	.1482	.1675	.1677	.1658	.1681	.1629	.1613	.1696	.1670
90.	.2048	.1959	.1991	.1959	.1963	.2029	.2078	.2110	.2148	.2105	.2080	.2090	.2078	.2092
100.			.1172	.1192	.1174	.1135	.1328	.1330	.1347	.1357	.1306	.1252	.1313	.1337
110.		.1170	.0977	.1044	.1039	.1023	.1183	.1199	.1191	.1169	.1133	.1129	.1196	.1255
120.				.1024	.1029	.0986	.1142	.1133	.1136	.1152	.1120	.1091	.1225	.1196
130.	.1156	.1129	.0992	.1016	.1029	.1067	.1111	.1115	.1114	.1123	.1169	.1092	.1177	.1216
150.			.0853	.1027	.1030	.1026	.1064	.1085	.1086	.1088	.1173	.1124	.1096	.1175
180.	.1217	.1123		.1046	.1036	.1033	.1068	.1088	.2276	.1148	.1100	.1154	.1127	.1126
210.			.0890	.1055	.1036	.1013	.1039	.1077	.1112	.1099	.1168	.1115	.1080	.1193
230.	.1215	.1161	.1101	.1023	.1047	.1029	.1065	.1141	.1153	.1146	.1163	.1104	.1177	.1238
240.				.1023	.1042	.0998	.1108	.1158	.1142	.1186	.1139	.1099	.1237	.1225
250.		.1256	.1101	.1045	.1060	.1014	.1159	.1209	.1204	.1203	.1174	.1160	.1233	.1286
260.			.1312	.1265	.1224	.1188	.1391	.1366	.1398	.1449	.1393	.1362	.1419	.1431
270.	.2409	.2332	.2328	.2303	.2286	.2317	.2379	.2421	.2436	.2400	.2386	.2403	.2383	.2449
280.			.1606	.1592	.1574	.1565	.1782	.1799	.1787	.1826	.1761	.1719	.1791	.1802
290.		.1485	.1360	.1354	.1379	.1357	.1511	.1570	.1548	.1539	.1494	.1486	.1538	.1593
300.				.1301	.1318	.1290	.1439	.1470	.1465	.1483	.1453	.1407	.1526	.1493
310.	.1438	.1373	.1329	.1285	.1295	.1353	.1404	.1427	.1452	.1439	.1462	.1387	.1447	.1495
330.			.1172	.1283	.1280	.1319	.1354	.1370	.1387	.1375	.1435	.1381	.1348	.1450
						FOR ALPHA = .35 DEG								
0.	.1311	.1205		.1160	.1120	.1179	.1236	.1244	.2287	.1266	.1205	.1282	.1231	.1198
30.			.1029	.1146	.1104	.1161	.1221	.1244	.1254	.1226	.1278	.1226	.1170	.1249
50.	.1253	.1205	.1172	.1108	.1112	.1197	.1269	.1281	.1283	.1265	.1283	.1208	.1266	.1308
60.				.1105	.1116	.1125	.1294	.1298	.1278	.1282	.1248	.1220	.1328	.1308
70.		.1254	.1178	.1129	.1145	.1178	.1334	.1353	.1317	.1297	.1261	.1269	.1336	.1358
80.			.1304	.1292	.1267	.1282	.1493	.1488	.1472	.1494	.1439	.1417	.1489	.1465
90.	.2067	.1996	.2042	.1979	.1985	.2042	.2108	.2126	.2146	.2112	.2090	.2110	.2085	.2095
100.			.1405	.1424	.1386	.1363	.1512	.1500	.1517	.1538	.1467	.1435	.1492	.1506
110.		.1353	.1164	.1238	.1253	.1236	.1354	.1372	.1331	.1325	.1298	.1288	.1360	.1399
120.				.1192	.1208	.1180	.1291	.1287	.1257	.1299	.1263	.1221	.1365	.1339
130.	.1352	.1306	.1189	.1190	.1196	.1214	.1256	.1264	.1263	.1275	.1309	.1225	.1301	.1359
150.			.1047	.1198	.1165	.1184	.1202	.1214	.1223	.1224	.1304	.1256	.1208	.1312
180.	.1393	.1297		.1209	.1189	.1178	.1206	.1213	.2318	.1281	.1237	.1296	.1265	.1268
210.			.1090	.1211	.1179	.1164	.1173	.1200	.1236	.1242	.1317	.1264	.1232	.1334
230.	.1383	.1328	.1265	.1211	.1208	.1198	.1220	.1274	.1285	.1295	.1337	.1262	.1338	.1385
240.				.1213	.1207	.1176	.1263	.1304	.1292	.1335	.1311	.1281	.1403	.1369
250.		.1428	.1273	.1249	.1259	.1232	.1358	.1399	.1373	.1361	.1327	.1345	.1411	.1451
260.			.1514	.1514	.1476	.1429	.1614	.1604	.1600	.1632	.1588	.1578	.1636	.1648
270.	.2425	.2336	.2358	.2322	.2295	.2315	.2392	.2438	.2459	.2418	.2397	.2416	.2399	.2458
280.			.1413	.1395	.1393	.1356	.1579	.1597	.1611	.1624	.1565	.1519	.1582	.1588
290.		.1323	.1211	.1179	.1206	.1183	.1335	.1396	.1382	.1351	.1297	.1304	.1362	.1379
300.				.1140	.1161	.1141	.1295	.1325	.1311	.1317	.1265	.1238	.1339	.1292
310.	.1303	.1246	.1155	.1136	.1143	.1207	.1254	.1286	.1301	.1289	.1315	.1247	.1283	.1316
330.			.0989	.1153	.1137	.1174	.1211	.1231	.1242	.1224	.1294	.1243	.1197	.1271
						FOR ALPHA = 1.35 DEG								
0.	.1182	.1085		.1035	.0999	.1038	.1094	.1091	.2209	.1126	.1073	.1121	.1077	.1063
30.			.0861	.1007	.1001	.1028	.1069	.1091	.1107	.1111	.1140	.1049	.1014	.1135
50.	.1139	.1090	.0926	.0966	.0994	.1055	.1119	.1116	.1126	.1138	.1139	.1036	.1098	.1179
60.				.0956	.0987	.1022	.1145	.1124	.1118	.1155	.1101	.1046	.1157	.1168
70.		.1118	.1016	.0964	.0997	.1027	.1154	.1153	.1133	.1149	.1094	.1077	.1138	.1195
80.			.1119	.1074	.1099	.1118	.1298	.1268	.1262	.1313	.1242	.1213	.1265	.1259
90.	.2046	.1959	.2030	.1934	.1952	.2020	.2079	.2085	.2119	.2100	.2070	.2078	.2046	.2076
100.			.1567	.1566	.1560	.1544	.1720	.1707	.1710	.1729	.1681	.1657	.1698	.1705
110.		.1504	.1331	.1378	.1379	.1384	.1528	.1537	.1507	.1502	.1469	.1460	.1543	.1579
120.				.1339	.1335	.1316	.1453	.1434	.1417	.1454	.1424	.1384	.1528	.1496
130.	.1456	.1445	.1300	.1328	.1319	.1372	.1425	.1421	.1409	.1414	.1458	.1363	.1457	.1515
150.			.1171	.1342	.1302	.1316	.1366	.1368	.1369	.1359	.1448	.1391	.1354	.1467
180.	.1529	.1447		.1343	.1327	.1330	.1370	.1363	.2348	.1429	.1381	.1450	.1419	.1411
210.			.1264	.1354	.1340	.1322	.1338	.1346	.1379	.1386	.1480	.1426	.1380	.1488
230.	.1529	.1488	.1394	.1358	.1355	.1355	.1391	.1422	.1439	.1442	.1494	.1424	.1497	.1557
240.				.1371	.1379	.1334	.1456	.1469	.1447	.1486	.1467	.1444	.1576	.1553
250.		.1611	.1431	.1442	.1455	.1427	.1559	.1586	.1548	.1539	.1535	.1534	.1617	.1665
260.			.1724	.1688	.1682	.1647	.1824	.1811	.1802	.1849	.1792	.1783	.1849	.1845
270.	.2398	.2324	.2344	.2259	.2268	.2317	.2378	.2417	.2437	.2393	.2365	.2391	.2385	.2444
280.			.1205	.1175	.1184	.1158	.1373	.1397	.1401	.1416	.1343	.1305	.1357	.1371
290.		.1164	.1043	.0998	.1013	.0999	.1172	.1211	.1207	.1175	.1128	.1123	.1172	.1204
300.				.0981	.0996	.0991	.1148	.1163	.1136	.1167	.1113	.1082	.1161	.1138
310.	.1176	.1115	.0953	.0988	.0999	.1073	.1116	.1136	.1154	.1138	.1176	.1094	.1127	.1164
330.			.0849	.1021	.0998	.1044	.1085	.1089	.1092	.1087	.1155	.1097	.1045	.1133

TABLE V. - CONTINUED

(8) MACH = 1.70, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.65 DEG								
0.	.1341	.1287	.1328	.1357	.1228	.1287	.1284	.1296	.1279	.1273	.1407	.1452	.1437	0.
30.	.1372	.1297	.1315	.1307	.1251	.1274	.1304	.1311	.1254	.1290	.1435	.1409	.1473	30.
50.	.1398	.1309	.1307	.1343	.1286	.1309	.1325	.1370	.1363	.1299	.1269	.1420	.1485	50.
60.	.1380	.1335	.1343	.1341	.1291	.1331	.1353	.1376	.1359	.1324	.1294	.1379	.1469	60.
70.	.1444	.1402	.1383	.1374	.1407	.1412	.1413	.1446	.1420	.1388	.1404	.1460	.1421	70.
80.	.1629	.1623	.1564	.1490	.1676	.1515	.1558	.1633	.1611	.1580	.1569	.1606	.1619	80.
90.	.2092	.2077	.2092	.2048	.2092	.2055	.2095	.2108	.2069	.2004	.1996	.2065	.1990	90.
100.	.1327	.1311	.1261	.1202	.1419	.1239	.1224	.1293	.1226	.1193	.1211	.1234	.1268	100.
110.	.1159	.1132	.1109	.1108	.1129	.1157	.1124	.1124	.1060	.1055	.1079	.1145	.1115	110.
120.	.1107	.1073	.1079	.1061	.1011	.1103	.1092	.1090	.1040	.1016	.0989	.1058	.1150	120.
130.	.1139	.1049	.1045	.1059	.0986	.1052	.1099	.1114	.1058	.1002	.0950	.1092	.1179	130.
150.	.1147	.1038	.1046	.1038	.0980	.0976	.1045	.1069	.0998	.1009	.1126	.1088	.1153	150.
180.	.1121	.1059	.1079	.1090	.0958	.1004	.0987	.0993	.1007	.1000	.1143	.1179	.1161	180.
210.	.1168	.1073	.1091	.1092	.1039	.1026	.1018	.1014	.0992	.1054	.1166	.1147	.1204	210.
230.	.1178	.1070	.1095	.1131	.1075	.1074	.1051	.1086	.1114	.1064	.0994	.1104	.1188	230.
240.	.1139	.1116	.1125	.1105	.1063	.1091	.1078	.1152	.1100	.1070	.1026	.1061	.1158	240.
250.	.1230	.1207	.1150	.1142	.1111	.1119	.1147	.1210	.1167	.1136	.1097	.1212	.1203	250.
260.	.1447	.1423	.1370	.1270	.1408	.1259	.1338	.1346	.1304	.1285	.1356	.1421	.1414	260.
270.	.2435	.2358	.2380	.2324	.2346	.2339	.2383	.2393	.2376	.2382	.2343	.2386	.2291	270.
280.	.1820	.1729	.1682	.1613	.1767	.1627	.1668	.1710	.1695	.1697	.1748	.1712	.1755	280.
290.	.1510	.1496	.1431	.1420	.1428	.1432	.1442	.1474	.1478	.1467	.1468	.1573	.1528	290.
300.	.1394	.1393	.1416	.1378	.1337	.1382	.1390	.1414	.1380	.1346	.1321	.1396	.1510	300.
310.	.1419	.1344	.1346	.1390	.1320	.1346	.1358	.1393	.1358	.1315	.1279	.1423	.1520	310.
330.	.1392	.1290	.1322	.1342	.1305	.1295	.1301	.1315	.1272	.1290	.1430	.1422	.1472	330.
						FOR ALPHA = .35 DEG								
0.	.1197	.1155	.1190	.1206	.1089	.1153	.1158	.1145	.1126	.1127	.1264	.1298	.1280	0.
30.	.1228	.1149	.1171	.1173	.1116	.1128	.1156	.1163	.1102	.1146	.1289	.1252	.1310	30.
50.	.1249	.1166	.1161	.1187	.1131	.1172	.1205	.1220	.1186	.1153	.1123	.1258	.1314	50.
60.	.1223	.1181	.1184	.1190	.1141	.1196	.1225	.1229	.1196	.1170	.1155	.1213	.1304	60.
70.	.1255	.1231	.1208	.1194	.1205	.1213	.1239	.1254	.1255	.1239	.1252	.1318	.1267	70.
80.	.1433	.1426	.1382	.1308	.1461	.1316	.1374	.1413	.1395	.1342	.1352	.1378	.1426	80.
90.	.2089	.2075	.2098	.2042	.2077	.2060	.2095	.2107	.2082	.2001	.1994	.2045	.1983	90.
100.	.1506	.1491	.1448	.1393	.1608	.1452	.1439	.1469	.1418	.1391	.1395	.1425	.1448	100.
110.	.1327	.1297	.1258	.1268	.1274	.1349	.1294	.1274	.1226	.1214	.1239	.1304	.1275	110.
120.	.1250	.1214	.1224	.1208	.1154	.1230	.1247	.1254	.1211	.1171	.1132	.1183	.1296	120.
130.	.1278	.1183	.1194	.1195	.1141	.1170	.1236	.1258	.1218	.1152	.1084	.1217	.1314	130.
150.	.1281	.1174	.1183	.1180	.1115	.1114	.1144	.1195	.1141	.1145	.1266	.1239	.1289	150.
180.	.1274	.1209	.1220	.1230	.1094	.1149	.1131	.1114	.1139	.1123	.1260	.1312	.1298	180.
210.	.1314	.1236	.1243	.1227	.1184	.1174	.1170	.1162	.1119	.1182	.1303	.1282	.1340	210.
230.	.1314	.1235	.1246	.1288	.1230	.1231	.1211	.1212	.1249	.1222	.1142	.1259	.1341	230.
240.	.1302	.1285	.1293	.1270	.1246	.1270	.1247	.1259	.1278	.1245	.1190	.1230	.1309	240.
250.	.1406	.1381	.1331	.1313	.1301	.1305	.1302	.1374	.1332	.1319	.1301	.1388	.1366	250.
260.	.1680	.1645	.1586	.1487	.1640	.1497	.1547	.1599	.1527	.1496	.1567	.1609	.1620	260.
270.	.2447	.2370	.2405	.2350	.2356	.2345	.2388	.2414	.2382	.2393	.2336	.2376	.2297	270.
280.	.1606	.1520	.1485	.1418	.1575	.1434	.1476	.1505	.1473	.1458	.1503	.1498	.1545	280.
290.	.1326	.1314	.1258	.1251	.1261	.1256	.1271	.1301	.1275	.1283	.1304	.1425	.1353	290.
300.	.1230	.1220	.1234	.1206	.1194	.1235	.1260	.1276	.1231	.1197	.1176	.1252	.1330	300.
310.	.1265	.1197	.1214	.1249	.1179	.1208	.1234	.1255	.1212	.1166	.1131	.1277	.1351	310.
330.	.1236	.1152	.1198	.1201	.1176	.1164	.1180	.1172	.1126	.1140	.1287	.1267	.1331	330.
						FOR ALPHA = 1.35 DEG								
0.	.1062	.1011	.1050	.1085	.0952	.1005	.1004	.1013	.1000	.0993	.1109	.1158	.1163	0.
30.	.1086	.0991	.1025	.1049	.0981	.0989	.0990	.1023	.0971	.1002	.1120	.1108	.1191	30.
50.	.1100	.1006	.0997	.1063	.0997	.1033	.1036	.1075	.1080	.1019	.0971	.1096	.1182	50.
60.	.1065	.1020	.1013	.1046	.0997	.1055	.1050	.1082	.1075	.1030	.0983	.1047	.1148	60.
70.	.1098	.1064	.1021	.1036	.1073	.1054	.1070	.1133	.1125	.1068	.1065	.1126	.1103	70.
80.	.1243	.1225	.1154	.1116	.1285	.1129	.1149	.1200	.1207	.1127	.1127	.1178	.1271	80.
90.	.2097	.2056	.2058	.2031	.2061	.2048	.2077	.2090	.2063	.1987	.1958	.2022	.1960	90.
100.	.1718	.1693	.1637	.1575	.1781	.1661	.1640	.1701	.1626	.1615	.1605	.1649	.1645	100.
110.	.1477	.1464	.1441	.1438	.1439	.1535	.1465	.1463	.1404	.1402	.1417	.1473	.1435	110.
120.	.1417	.1390	.1386	.1375	.1329	.1377	.1420	.1410	.1376	.1338	.1287	.1350	.1458	120.
130.	.1436	.1332	.1362	.1359	.1292	.1322	.1382	.1414	.1381	.1318	.1232	.1374	.1473	130.
150.	.1442	.1329	.1341	.1334	.1278	.1284	.1295	.1335	.1313	.1315	.1421	.1388	.1436	150.
180.	.1422	.1360	.1375	.1385	.1254	.1301	.1293	.1274	.1277	.1285	.1408	.1465	.1450	180.
210.	.1461	.1386	.1399	.1390	.1346	.1328	.1326	.1310	.1260	.1310	.1473	.1445	.1501	210.
230.	.1485	.1396	.1416	.1455	.1396	.1405	.1371	.1375	.1372	.1406	.1317	.1415	.1503	230.
240.	.1469	.1456	.1470	.1439	.1404	.1430	.1413	.1416	.1438	.1423	.1363	.1390	.1487	240.
250.	.1593	.1582	.1524	.1512	.1491	.1524	.1509	.1562	.1533	.1510	.1481	.1562	.1557	250.
260.	.1874	.1845	.1790	.1704	.1867	.1713	.1748	.1837	.1765	.1770	.1819	.1879	.1829	260.
270.	.2424	.2357	.2379	.2336	.2343	.2335	.2366	.2412	.2386	.2378	.2336	.2364	.2291	270.
280.	.1389	.1319	.1273	.1223	.1352	.1225	.1240	.1301	.1272	.1253	.1285	.1301	.1354	280.
290.	.1154	.1146	.1088	.1078	.1083	.1083	.1137	.1187	.1148	.1131	.1129	.1246	.1162	290.
300.	.1072	.1056	.1070	.1048	.1026	.1100	.1123	.1142	.1074	.1058	.1029	.1093	.1156	300.
310.	.1128	.1056	.1069	.1118	.1048	.1082	.1103	.1107	.1077	.1034	.1000	.1123	.1200	310.
330.	.1107	.1029	.1062	.1078	.1033	.1029	.1035	.1044	.0998	.1017	.1144	.1129	.1186	330.

TABLE V. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.35 DEG								
0.	.1046	.0965		.0915	.0857	.0910	.0960	.0968	.2125	.0998	.0938	.0993	.0950	.0934
30.			.0715	.0908	.0850	.0893	.0962	.0981	.0980	.0960	.1002	.0936	.0908	.0984
50.	.1012	.0975	.0777	.0858	.0857	.0925	.0998	.1008	.1006	.0999	.1003	.0917	.0985	.1027
60.				.0844	.0854	.0852	.1010	.1008	.0994	.0997	.0954	.0905	.1015	.1007
70.		.0984	.0874	.0835	.0853	.0851	.0998	.1012	.0988	.0972	.0932	.0930	.0995	.1014
80.			.0940	.0898	.0936	.0907	.1104	.1068	.1066	.1104	.1030	.1013	.1080	.1040
90.	.1987	.1916	.1987	.1898	.1921	.1958	.2019	.2040	.2068	.2033	.2001	.2021	.1992	.2015
100.			.1769	.1743	.1747	.1718	.1897	.1893	.1897	.1901	.1854	.1833	.1867	.1877
110.		.1662	.1513	.1542	.1564	.1562	.1699	.1710	.1679	.1665	.1634	.1635	.1705	.1739
120.				.1517	.1511	.1491	.1617	.1611	.1580	.1597	.1581	.1544	.1695	.1648
130.	.1628	.1590	.1468	.1502	.1484	.1524	.1577	.1580	.1564	.1559	.1609	.1522	.1613	.1669
150.			.1303	.1505	.1466	.1481	.1534	.1532	.1527	.1508	.1591	.1555	.1507	.1611
180.	.1688	.1600		.1506	.1476	.1480	.1529	.1524	.2329	.1577	.1520	.1607	.1579	.1562
210.			.1405	.1506	.1487	.1477	.1494	.1512	.1526	.1532	.1620	.1572	.1541	.1646
230.	.1693	.1632	.1523	.1509	.1514	.1530	.1557	.1594	.1588	.1593	.1644	.1576	.1661	.1717
240.				.1539	.1541	.1507	.1630	.1628	.1614	.1639	.1625	.1603	.1758	.1718
250.		.1777	.1591	.1615	.1619	.1604	.1759	.1759	.1736	.1717	.1717	.1713	.1812	.1861
260.			.1893	.1858	.1858	.1836	.2029	.2014	.2023	.2037	.1992	.1977	.2039	.2050
270.	.2342	.2274	.2297	.2213	.2197	.2251	.2324	.2356	.2386	.2331	.2298	.2324	.2307	.2378
280.			.0969	.0953	.0956	.0915	.1158	.1150	.1155	.1172	.1114	.1070	.1125	.1154
290.		.1006	.0878	.0824	.0831	.0815	.0987	.1025	.1014	.0999	.0948	.0932	.0992	.1023
300.				.0818	.0841	.0842	.0980	.0991	.0973	.1010	.0953	.0899	.0994	.0979
310.	.1037	.0967	.0816	.0845	.0858	.0933	.0971	.0996	.1007	.0999	.1008	.0925	.0968	.1019
330.			.0681	.0872	.0862	.0914	.0940	.0945	.0950	.0952	.1012	.0943	.0905	.1003
						FOR ALPHA = 3.35 DEG								
0.	.0917	.0838		.0795	.0737	.0790	.0836	.0841	.1986	.0872	.0802	.0859	.0831	.0824
30.			.0599	.0785	.0725	.0772	.0835	.0860	.0856	.0829	.0863	.0818	.0796	.0877
50.	.0882	.0845	.0643	.0722	.0713	.0806	.0866	.0879	.0888	.0857	.0866	.0793	.0858	.0914
60.				.0696	.0702	.0713	.0863	.0872	.0863	.0862	.0822	.0782	.0904	.0876
70.		.0838	.0731	.0664	.0669	.0687	.0830	.0856	.0848	.0839	.0809	.0797	.0861	.0905
80.			.0715	.0707	.0715	.0695	.0870	.0858	.0857	.0910	.0852	.0822	.0873	.0862
90.	.1911	.1839	.1921	.1816	.1851	.1889	.1920	.1934	.1966	.1928	.1899	.1911	.1883	.1903
100.			.1998	.1944	.1940	.1912	.2057	.2051	.2053	.2068	.2028	.1989	.2018	.2029
110.		.1848	.1728	.1756	.1759	.1759	.1875	.1879	.1851	.1839	.1814	.1804	.1872	.1908
120.				.1711	.1697	.1675	.1780	.1777	.1755	.1770	.1745	.1707	.1858	.1828
130.	.1803	.1771	.1691	.1685	.1672	.1688	.1754	.1753	.1732	.1726	.1771	.1673	.1764	.1832
150.			.1504	.1702	.1654	.1645	.1699	.1700	.1680	.1663	.1737	.1706	.1668	.1786
180.	.1885	.1793		.1703	.1665	.1647	.1691	.1699	.2257	.1736	.1688	.1769	.1738	.1729
210.			.1639	.1699	.1656	.1631	.1654	.1688	.1681	.1697	.1795	.1742	.1699	.1826
230.	.1893	.1843	.1726	.1724	.1684	.1693	.1756	.1764	.1746	.1757	.1823	.1750	.1834	.1892
240.				.1758	.1737	.1686	.1827	.1809	.1783	.1813	.1802	.1788	.1948	.1899
250.		.1981	.1803	.1837	.1814	.1802	.1960	.1942	.1922	.1892	.1887	.1890	.1994	.2053
260.			.2124	.2089	.2041	.2080	.2219	.2198	.2205	.2207	.2164	.2140	.2225	.2224
270.	.2269	.2199	.2238	.2138	.2105	.2210	.2236	.2268	.2277	.2234	.2209	.2213	.2201	.2261
280.			.0741	.0736	.0739	.0709	.0926	.0917	.0904	.0950	.0870	.0835	.0878	.0908
290.		.0847	.0735	.0657	.0665	.0659	.0814	.0860	.0853	.0812	.0760	.0749	.0812	.0850
300.				.0681	.0711	.0702	.0817	.0850	.0843	.0859	.0792	.0747	.0851	.0842
310.	.0899	.0845	.0672	.0713	.0738	.0790	.0836	.0858	.0879	.0867	.0850	.0782	.0848	.0883
330.			.0559	.0763	.0759	.0786	.0803	.0819	.0835	.0836	.0865	.0811	.0793	.0891
						FOR ALPHA = 5.35 DEG								
0.	.0663	.0596		.0544	.0493	.0559	.0632	.0630	.1447	.0622	.0567	.0639	.0617	.0605
30.			.0368	.0536	.0500	.0561	.0630	.0625	.0595	.0587	.0649	.0606	.0560	.0667
50.	.0639	.0624	.0367	.0462	.0475	.0577	.0636	.0633	.0605	.0598	.0629	.0553	.0622	.0679
60.				.0415	.0442	.0481	.0625	.0605	.0566	.0594	.0560	.0512	.0647	.0617
70.		.0579	.0362	.0358	.0357	.0373	.0528	.0533	.0527	.0524	.0480	.0472	.0539	.0578
80.			.0285	.0268	.0270	.0217	.0379	.0373	.0377	.0444	.0395	.0351	.0377	.0409
90.	.1692	.1621	.1619	.1526	.1584	.1598	.1630	.1624	.1661	.1622	.1582	.1579	.1539	.1578
100.			.2340	.2320	.2299	.2247	.2382	.2392	.2380	.2360	.2336	.2292	.2337	.2317
110.		.2254	.2150	.2145	.2148	.2121	.2222	.2240	.2214	.2201	.2156	.2162	.2207	.2252
120.				.2098	.2063	.2051	.2145	.2131	.2121	.2112	.2086	.2036	.2200	.2159
130.	.2191	.2171	.2098	.2078	.2034	.2023	.2106	.2103	.2085	.2065	.2104	.2011	.2121	.2197
150.			.1869	.2083	.2014	.1990	.2060	.2065	.2026	.2018	.2092	.2046	.2009	.2137
180.	.2290	.2177		.2071	.2007	.1988	.2041	.2058	.2046	.2069	.2034	.2116	.2094	.2088
210.			.2054	.2080	.2000	.1968	.2020	.2030	.2016	.2063	.2142	.2095	.2057	.2176
230.	.2266	.2188	.2144	.2103	.2070	.2021	.2128	.2115	.2106	.2126	.2178	.2098	.2197	.2255
240.				.2132	.2111	.2054	.2181	.2170	.2148	.2157	.2154	.2143	.2312	.2262
250.		.2367	.2230	.2214	.2208	.2207	.2316	.2326	.2298	.2262	.2234	.2290	.2375	.2415
260.			.2511	.2471	.2424	.2403	.2571	.2582	.2575	.2548	.2532	.2517	.2585	.2599
270.	.2063	.2305	.2172	.2004	.2165	.2139	.2218	.2246	.2216	.2225	.2183	.2132	.2133	.2261
280.														
290.														
300.														
310.														
330.														

TABLE V. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.35 DEG								
0.	.0942	.0892	.0932	.0954	.0837	.0892	.0880	.0872	.0870	.0871	.0979	.1026	.1010	0.
30.	.0973	.0880	.0920	.0917	.0857	.0877	.0895	.0890	.0853	.0895	.1010	.0986	.1028	30.
50.	.0975	.0901	.0891	.0929	.0879	.0925	.0928	.0953	.0927	.0899	.0856	.0961	.1022	50.
60.	.0918	.0888	.0900	.0893	.0883	.0948	.0951	.0958	.0914	.0904	.0865	.0915	.0960	60.
70.	.0929	.0926	.0888	.0891	.0901	.0940	.0985	.1000	.0925	.0915	.0906	.0961	.0917	70.
80.	.1050	.1033	.0991	.0930	.1058	.0941	.0977	.1010	.0978	.0921	.0959	.1011	.1055	80.
90.	.2010	.1988	.1996	.1977	.1978	.1986	.2028	.2042	.1979	.1907	.1892	.1967	.1897	90.
100.	.1886	.1852	.1801	.1745	.1947	.1836	.1836	.1876	.1803	.1791	.1787	.1816	.1827	100.
110.	.1652	.1634	.1610	.1606	.1610	.1684	.1659	.1630	.1566	.1567	.1592	.1648	.1589	110.
120.	.1560	.1549	.1542	.1533	.1486	.1521	.1587	.1569	.1533	.1497	.1452	.1510	.1619	120.
130.	.1588	.1484	.1505	.1519	.1466	.1486	.1523	.1582	.1539	.1472	.1400	.1526	.1619	130.
150.	.1591	.1483	.1498	.1481	.1426	.1442	.1449	.1464	.1456	.1470	.1586	.1536	.1590	150.
180.	.1569	.1512	.1534	.1539	.1405	.1455	.1443	.1431	.1426	.1441	.1564	.1627	.1603	180.
210.	.1618	.1533	.1564	.1549	.1506	.1485	.1480	.1474	.1429	.1447	.1642	.1608	.1654	210.
230.	.1647	.1549	.1587	.1620	.1564	.1569	.1546	.1550	.1521	.1557	.1477	.1582	.1662	230.
240.	.1638	.1622	.1640	.1620	.1595	.1599	.1596	.1583	.1593	.1581	.1528	.1564	.1660	240.
250.	.1768	.1762	.1723	.1719	.1689	.1722	.1695	.1723	.1699	.1678	.1655	.1744	.1729	250.
260.	.2099	.2029	.1996	.1896	.2087	.1913	.1946	.2062	.1961	.1976	.2023	.2090	.2009	260.
270.	.2352	.2306	.2300	.2263	.2273	.2267	.2300	.2347	.2313	.2302	.2269	.2287	.2220	270.
280.	.1155	.1090	.1060	.0996	.1114	.0992	.1022	.1059	.1035	.1021	.1052	.1083	.1124	280.
290.	.0966	.0967	.0908	.0895	.0908	.0948	.0989	.1008	.0953	.0956	.0941	.1046	.0947	290.
300.	.0910	.0900	.0911	.0899	.0885	.0963	.0975	.0967	.0927	.0902	.0880	.0917	.0991	300.
310.	.0977	.0911	.0923	.0961	.0904	.0958	.0964	.0960	.0927	.0906	.0853	.0964	.1036	310.
330.	.0980	.0879	.0925	.0938	.0901	.0889	.0906	.0912	.0866	.0887	.1007	.0992	.1045	330.
						FOR ALPHA = 3.35 DEG								
0.	.0824	.0784	.0821	.0846	.0721	.0765	.0760	.0760	.0750	.0736	.0855	.0892	.0882	0.
30.	.0852	.0779	.0807	.0807	.0760	.0759	.0762	.0775	.0744	.0761	.0872	.0846	.0895	30.
50.	.0851	.0778	.0776	.0817	.0762	.0787	.0794	.0812	.0790	.0756	.0707	.0808	.0886	50.
60.	.0805	.0760	.0778	.0786	.0745	.0793	.0791	.0792	.0772	.0752	.0712	.0755	.0804	60.
70.	.0798	.0810	.0764	.0765	.0786	.0786	.0784	.0792	.0740	.0742	.0731	.0776	.0740	70.
80.	.0866	.0854	.0791	.0743	.0911	.0760	.0790	.0813	.0769	.0683	.0758	.0810	.0816	80.
90.	.1906	.1884	.1895	.1874	.1879	.1886	.1928	.1976	.1866	.1813	.1797	.1857	.1804	90.
100.	.2040	.2007	.1965	.1905	.2114	.2001	.2013	.2045	.2000	.1966	.1956	.1996	.2006	100.
110.	.1814	.1795	.1775	.1772	.1781	.1838	.1844	.1812	.1761	.1745	.1768	.1821	.1781	110.
120.	.1739	.1711	.1705	.1698	.1662	.1701	.1754	.1747	.1709	.1673	.1618	.1675	.1790	120.
130.	.1758	.1641	.1668	.1689	.1641	.1657	.1675	.1750	.1701	.1635	.1563	.1699	.1799	130.
150.	.1757	.1643	.1663	.1659	.1608	.1610	.1614	.1625	.1615	.1645	.1765	.1706	.1763	150.
180.	.1738	.1678	.1696	.1704	.1573	.1618	.1611	.1602	.1585	.1600	.1722	.1788	.1775	180.
210.	.1798	.1706	.1742	.1720	.1670	.1642	.1662	.1640	.1593	.1619	.1818	.1767	.1819	210.
230.	.1821	.1710	.1761	.1796	.1736	.1738	.1719	.1721	.1695	.1737	.1657	.1753	.1843	230.
240.	.1813	.1793	.1832	.1797	.1773	.1791	.1782	.1752	.1754	.1770	.1709	.1740	.1834	240.
250.	.1940	.1942	.1913	.1905	.1885	.1929	.1898	.1911	.1903	.1872	.1841	.1945	.1915	250.
260.	.2266	.2224	.2172	.2063	.2250	.2105	.2139	.2243	.2153	.2153	.2176	.2239	.2206	260.
270.	.2238	.2194	.2195	.2156	.2174	.2157	.2189	.2229	.2221	.2179	.2148	.2162	.2108	270.
280.	.0893	.0874	.0823	.0762	.0882	.0758	.0794	.0832	.0777	.0787	.0800	.0833	.0880	280.
290.	.0804	.0788	.0742	.0745	.0786	.0802	.0826	.0822	.0770	.0774	.0764	.0846	.0763	290.
300.	.0778	.0771	.0773	.0774	.0745	.0817	.0813	.0818	.0780	.0764	.0733	.0764	.0831	300.
310.	.0843	.0783	.0784	.0821	.0779	.0815	.0823	.0826	.0805	.0769	.0715	.0820	.0894	310.
330.	.0857	.0766	.0807	.0830	.0784	.0767	.0780	.0787	.0741	.0756	.0874	.0866	.0915	330.
						FOR ALPHA = 5.35 DEG								
0.	.0616	.0583	.0619	.0630	.0475	.0527	.0531	.0518	.0505	.0505	.0615	.0652	.0642	0.
30.	.0648	.0562	.0591	.0589	.0523	.0530	.0544	.0548	.0505	.0519	.0630	.0608	.0665	30.
50.	.0614	.0543	.0557	.0591	.0512	.0543	.0560	.0583	.0546	.0496	.0451	.0562	.0628	50.
60.	.0521	.0513	.0549	.0539	.0470	.0516	.0529	.0538	.0514	.0466	.0441	.0465	.0548	60.
70.	.0497	.0504	.0459	.0480	.0493	.0464	.0465	.0466	.0424	.0429	.0371	.0447	.0424	70.
80.	.0409	.0389	.0343	.0321	.0459	.0305	.0282	.0325	.0254	.0200	.0273	.0325	.0338	80.
90.	.1582	.1559	.1557	.1530	.1544	.1547	.1592	.1582	.1478	.1458	.1455	.1509	.1479	90.
100.	.2342	.2318	.2278	.2207	.2429	.2308	.2354	.2362	.2314	.2287	.2289	.2326	.2334	100.
110.	.2139	.2151	.2136	.2122	.2143	.2208	.2198	.2176	.2131	.2126	.2081	.2153	.2117	110.
120.	.2084	.2045	.2063	.2043	.2016	.2070	.2119	.2104	.2058	.2027	.1967	.2036	.2155	120.
130.	.2112	.1994	.2006	.2031	.2001	.2038	.2057	.2103	.2062	.1989	.1921	.2064	.2163	130.
150.	.2105	.1973	.2004	.1997	.1968	.1964	.1981	.1972	.1964	.2003	.2114	.2052	.2127	150.
180.	.2085	.2023	.2044	.2059	.1923	.1977	.1967	.1959	.1948	.1963	.2090	.2150	.2136	180.
210.	.2156	.2042	.2086	.2067	.2017	.1998	.2011	.2007	.1946	.1993	.2185	.2125	.2182	210.
230.	.2170	.2072	.2133	.2147	.2106	.2095	.2079	.2084	.2073	.2107	.2020	.2117	.2187	230.
240.	.2179	.2169	.2190	.2177	.2129	.2162	.2153	.2131	.2156	.2135	.2073	.2099	.2213	240.
250.	.2304	.2313	.2276	.2265	.2266	.2319	.2281	.2299	.2251	.2232	.2203	.2332	.2320	250.
260.	.2609	.2563	.2511	.2418	.2654	.2474	.2531	.2626	.2487	.2556	.2575	.2593	.2543	260.
270.	.2186	.2175	.2131	.2130	.2121	.2102	.2137	.2177	.2181	.2148	.2092	.2108	.2049	270.
280.														280.
290.														290.
300.														300.
310.														310.
330.														330.

TABLE V. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 10.35 DEG								
0.	.0159	.0073		.0042	.0046	.0076	.0134	.0149	.0258	.0201	.0138	.0213	.0187	.0161
30.			-.0090	.0022	.0027	.0075	.0122	.0139	.0130	.0126	.0205	.0157	.0119	.0215
50.	.0078	.0039	-.0004	-.0051	-.0112	-.0017	.0055	.0086	.0085	.0095	.0119	.0046	.0095	.0128
60.				-.0295	-.0151	-.0146	.0041	.0024	-.0010	-.0001	-.0023	-.0070	.0032	.0011
70.		-.0339	-.0564	-.0499	-.0509	-.0651	-.0347	-.0218	-.0213	-.0225	-.0257	-.0276	-.0236	-.0189
80.			-.0855	-.0989	-.1019	-.1122	-.1106	-.1135	-.1163	-.1201	-.1258	-.1267	-.1261	-.1209
90.	.0763	.0577	.0704	.0303	.0458	.0484	.0592	.0501	.0490	.0422	.0342	.0292	.0292	.0335
100.			.3045	.2998	.2995	.2904	.3067	.3097	.3026	.2972	.2988	.2961	.3024	.3045
110.		.3187	.3081	.3072	.3081	.3018	.3161	.3132	.3093	.3082	.3019	.3101	.3134	.3200
120.				.3055	.3032	.2994	.3101	.3062	.3068	.3059	.3057	.2992	.3207	.3151
130.	.3189	.3213	.3086	.3045	.3013	.3016	.3066	.3047	.3032	.3046	.3143	.2987	.3135	.3192
150.			.3059	.3066	.3007	.2987	.3011	.3002	.2984	.3010	.3137	.3058	.3025	.3170
180.	.3352	.3230		.3039	.3024	.3002	.3047	.3053	.1180	.3132	.3082	.3172	.3124	.3121
210.			.3087	.3069	.3027	.2990	.3036	.3045	.3087	.3104	.3213	.3150	.3095	.3250
230.	.3352	.3270	.3194	.3112	.3072	.3063	.3130	.3132	.3141	.3178	.3268	.3160	.3274	.3324
240.				.3170	.3142	.3102	.3199	.3176	.3178	.3243	.3230	.3211	.3380	.3327
250.		.3386	.3302	.3261	.3220	.3200	.3300	.3322	.3275	.3310	.3280	.3351	.3369	.3414
260.			.3346	.3320	.3293	.3254	.3344	.3391	.3325	.3356	.3355	.3351	.3374	.3396
270.	.1208	.0968	.1102	.0766	.0942	.0952	.1020	.0937	.0948	.0886	.0840	.0781	.0759	.0780
280.			-.0922	-.1054	-.1035	-.1130	-.1142	-.1217	-.1255	-.1290	-.1347	-.1377	-.1366	-.1368
290.		-.0345	-.0579	-.0625	-.0761	-.0850	-.0590	-.0403	-.0344	-.0331	-.0324	-.0333	-.0310	-.0278
300.				-.0264	-.0209	-.0133	-.0021	-.0060	-.0090	-.0091	-.0083	-.0120	-.0005	-.0034
310.	.0094	-.0083	-.0087	-.0100	-.0131	-.0012	.0018	.0047	.0058	.0039	.0055	-.0005	.0073	.0100
330.			-.0037	.0013	.0033	.0047	.0090	.0109	.0088	.0077	.0158	.0110	.0098	.0183
						FOR ALPHA = 15.36 DEG								
0.	-.0234	-.0247		-.0285	-.0311	-.0289	-.0222	-.0198	-.0691	-.0202	-.0254	-.0184	-.0206	-.0244
30.			-.0515	-.0338	-.0367	-.0308	-.0248	-.0232	-.0255	-.0271	-.0219	-.0243	-.0281	-.0190
50.	-.0367	-.0204	-.0412	-.0544	-.0704	-.0648	-.0495	-.0423	-.0326	-.0270	-.0206	-.0254	-.0193	-.0071
60.				-.1625	-.1442	-.1275	-.1262	-.1360	-.1453	-.1491	-.1667	-.1716	-.1597	-.1622
70.		-.1789	-.1749	-.1891	-.2053	-.2313	-.2241	-.2263	-.2253	-.2198	-.2208	-.2183	-.2165	-.2076
80.			-.1955	-.2119	-.2109	-.2138	-.2071	-.2068	-.2067	-.2082	-.2129	-.2151	-.2167	-.2159
90.	-.0081	-.0391	-.0279	-.0675	-.0508	-.0388	-.0278	-.0425	-.0452	-.0488	-.0584	-.0656	-.0666	-.0640
100.			.3916	.3932	.3788	.3615	.3739	.3775	.3694	.3724	.3711	.3714	.3738	.3781
110.		.4357	.4264	.4226	.4191	.4059	.4167	.4189	.4146	.4203	.4135	.4181	.4221	.4278
120.				.4275	.4245	.4146	.4181	.4234	.4251	.4262	.4295	.4185	.4419	.4344
130.	.4493	.4452	.4313	.4307	.4253	.4130	.4186	.4243	.4279	.4283	.4377	.4210	.4357	.4421
150.			.4360	.4290	.4266	.4133	.4162	.4245	.4296	.4312	.4377	.4320	.4267	.4408
180.	.4634	.4481		.4280	.4276	.4247	.4317	.4323	.0354	.4415	.4331	.4423	.4361	.4379
210.			.4248	.4296	.4294	.4273	.4330	.4328	.4330	.4352	.4447	.4395	.4317	.4472
230.	.4616	.4494	.4319	.4327	.4317	.4318	.4387	.4409	.4381	.4395	.4494	.4350	.4481	.4525
240.				.4345	.4361	.4355	.4464	.4435	.4379	.4411	.4447	.4360	.4577	.4514
250.		.4539	.4414	.4401	.4382	.4340	.4486	.4474	.4370	.4434	.4387	.4435	.4476	.4544
260.			.4241	.4209	.4132	.4072	.4186	.4179	.4072	.4120	.4091	.4106	.4164	.4161
270.	.0483	.0118	.0226	-.0141	.0086	.0208	.0287	.0097	.0115	.0028	-.0078	-.0134	-.0125	-.0128
280.			-.1928	-.2142	-.2164	-.2187	-.2123	-.2131	-.2152	-.2152	-.2189	-.2192	-.2209	-.2208
290.		-.1714	-.1619	-.1934	-.2233	-.2366	-.2258	-.2293	-.2247	-.2163	-.2173	-.2151	-.2116	-.2034
300.				-.1367	-.1167	-.1030	-.1077	-.1425	-.1650	-.1786	-.1932	-.1994	-.1915	-.1954
310.	-.0293	-.0635	-.0674	-.0881	-.1159	-.1018	-.0782	-.0537	-.0436	-.0371	-.0267	-.0265	-.0164	-.0033
330.			-.0395	-.0255	-.0286	-.0270	-.0186	-.0149	-.0168	-.0200	-.0139	-.0198	-.0243	-.0151
						FOR ALPHA = 20.35 DEG								
0.	-.0682	-.0637		-.0705	-.0726	-.0651	-.0616	-.0612	-.1493	-.0621	-.0681	-.0594	-.0601	-.0613
30.			-.1059	-.0795	-.0791	-.0673	-.0649	-.0644	-.0662	-.0690	-.0588	-.0642	-.0636	-.0618
50.	-.1026	-.1135	-.1660	-.1744	-.2078	-.1899	-.1603	-.1435	-.1453	-.1362	-.1433	-.1432	-.1435	-.1412
60.				-.2886	-.3129	-.3335	-.3461	-.3471	-.3462	-.3438	-.3460	-.3407	-.3339	-.3353
70.		-.2861	-.2526	-.2646	-.3021	-.3046	-.3071	-.3179	-.3217	-.3167	-.3113	-.3096	-.3079	-.3062
80.			-.2773	-.2815	-.2779	-.2760	-.2677	-.2645	-.2631	-.2638	-.2646	-.2730	-.2724	-.2755
90.	-.0799	-.1032	-.0902	-.1369	-.1205	-.1184	-.1072	-.1124	-.1124	-.1111	-.1220	-.1285	-.1291	-.1280
100.			.4775	.4666	.4537	.4360	.4489	.4518	.4420	.4552	.4501	.4436	.4532	.4568
110.		.5554	.5341	.5377	.5332	.5207	.5377	.5343	.5292	.5415	.5425	.5363	.5409	.5501
120.				.5526	.5479	.5396	.5571	.5506	.5521	.5596	.5628	.5527	.5718	.5633
130.	.5810	.5796	.5552	.5602	.5516	.5474	.5614	.5594	.5597	.5676	.5723	.5643	.5735	.5741
150.			.5619	.5624	.5567	.5515	.5637	.5615	.5631	.5697	.5780	.5742	.5674	.5800
180.	.6001	.5905		.5654	.5633	.5651	.5750	.5718	-.0279	.5817	.5752	.5817	.5746	.5840
210.			.5637	.5643	.5654	.5633	.5708	.5681	.5732	.5793	.5822	.5748	.5691	.5853
230.	.5861	.5883	.5646	.5686	.5714	.5684	.5778	.5734	.5753	.5803	.5841	.5696	.5848	.5902
240.				.5641	.5692	.5634	.5783	.5714	.5718	.5769	.5779	.5663	.5906	.5866
250.		.5772	.5588	.5582	.5616	.5504	.5694	.5652	.5589	.5679	.5590	.5614	.5716	.5780
260.			.5096	.5070	.4963	.4806	.4964	.4991	.4868	.4893	.4869	.4953	.5079	.4970
270.	-.0225	-.0515	-.0408	-.0886	-.0683	-.0625	-.0519	-.0610	-.0648	-.0669	-.0749	-.0756	-.0807	-.0849
280.			-.2827	-.2797	-.2783	-.2750	-.2703	-.2679	-.2686	-.2673	-.2696	-.2684	-.2749	-.2746
290.		-.2719	-.2456	-.2908	-.2927	-.2952	-.2952	-.2962	-.2972	-.2949	-.2973	-.2932	-.2871	-.2908
300.				-.2748	-.3004	-.3275	-.3394	-.3452	-.3481	-.3483	-.3513	-.3511	-.3431	-.3413
310.	-.1286	-.2117	-.1667	-.2591	-.2758	-.2721	-.2626	-.2505	-.2421	-.2298	-.2361	-.2406	-.2401	-.2266
330.			-.1509	-.0820	-.0758	-.0622	-.0624	-.0608	-.0645	-.0680	-.0612	-.0627	-.0676	-.0590

TABLE V. - CONTINUED

(8) MACH = 1.70, BETA = 1.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.35 DEG								
0.	.0180	.0105	.0125	.0134	-.0004	.0037	.0029	.0006	.0013	.0009	.0121	.0168	.0168	0.
30.	.0174	.0074	.0094	.0094	.0031	.0030	.0039	.0055	.0035	.0054	.0145	.0116	.0149	30.
50.	.0089	.0034	.0023	.0041	-.0050	-.0026	-.0018	-.0008	-.0016	-.0043	-.0084	-.0003	.0053	50.
60.	-.0047	-.0046	-.0032	-.0056	-.0134	-.0100	-.0098	-.0085	-.0131	-.0141	-.0159	-.0106	-.0043	60.
70.	-.0232	-.0220	-.0255	-.0258	-.0261	-.0320	-.0308	-.0352	-.0392	-.0362	-.0368	-.0312	-.0322	70.
80.	-.1148	-.1130	-.1095	-.1099	-.0992	-.1095	-.1136	-.1115	-.1134	-.1139	-.1124	-.1089	-.1023	80.
90.	.0327	.0287	.0257	.0260	.0292	.0093	.0098	.0122	.0085	.0098	.0087	.0107	.0219	90.
100.	.3032	.3014	.2963	.2904	.3208	.3047	.2976	.2947	.2926	.2943	.2956	.3000	.3079	100.
110.	.3070	.3080	.3085	.3073	.3128	.3225	.3136	.3153	.3004	.2977	.2978	.3129	.3113	110.
120.	.3082	.3034	.3067	.3069	.3087	.3123	.3108	.3109	.3060	.3000	.2919	.3014	.3176	120.
130.	.3105	.2979	.3018	.3065	.3056	.3124	.3080	.3108	.3071	.3006	.2928	.3085	.3151	130.
150.	.3140	.2975	.3023	.3008	.3003	.3018	.3081	.3073	.2990	.3008	.3183	.3118	.3153	150.
180.	.3129	.3042	.3044	.3054	.2949	.3029	.3016	.3030	.3013	.3011	.3163	.3192	.3176	180.
210.	.3189	.3069	.3061	.3065	.3042	.3060	.3072	.3079	.3048	.3041	.3202	.3156	.3232	210.
230.	.3214	.3092	.3107	.3130	.3117	.3155	.3178	.3256	.3177	.3059	.3004	.3181	.3325	230.
240.	.3204	.3179	.3188	.3168	.3155	.3205	.3281	.3258	.3188	.3121	.3075	.3184	.3297	240.
250.	.3298	.3283	.3257	.3246	.3262	.3367	.3352	.3329	.3288	.3235	.3233	.3291	.3283	250.
260.	.3369	.3329	.3283	.3201	.3444	.3324	.3339	.3357	.3339	.3288	.3304	.3324	.3408	260.
270.	.0755	.0723	.0715	.0688	.0660	.0615	.0631	.0615	.0539	.0574	.0551	.0586	.0631	270.
280.	-.1343	-.1354	-.1367	-.1372	-.1275	-.1373	-.1315	-.1356	-.1357	-.1347	-.1303	-.1270	-.1254	280.
290.	-.0313	-.0305	-.0352	-.0360	-.0370	-.0421	-.0436	-.0423	-.0513	-.0483	-.0491	-.0426	-.0445	290.
300.	-.0096	-.0103	-.0095	-.0121	-.0187	-.0160	-.0160	-.0169	-.0175	-.0190	-.0228	-.0189	-.0126	300.
310.	.0062	-.0007	-.0030	-.0008	-.0078	-.0060	-.0054	-.0048	-.0080	-.0065	-.0116	-.0043	-.0010	310.
330.	.0154	.0054	.0070	.0069	.0014	.0009	.0012	.0008	-.0023	-.0024	.0086	.0077	.0107	330.
						FOR ALPHA = 15.36 DEG								
0.	-.0234	-.0290	-.0278	-.0252	-.0387	-.0346	-.0335	-.0340	-.0340	-.0358	-.0248	-.0199	-.0170	0.
30.	-.0207	-.0290	-.0254	-.0297	-.0369	-.0353	-.0371	-.0374	-.0388	-.0361	-.0256	-.0259	-.0201	30.
50.	-.0133	-.0173	-.0218	-.0138	-.0242	-.0289	-.0261	-.0240	-.0250	-.0262	-.0309	-.0175	-.0074	50.
60.	-.1689	-.1691	-.1697	-.1679	-.1790	-.1786	-.1778	-.1730	-.1735	-.1761	-.1740	-.1668	-.1593	60.
70.	-.2133	-.2124	-.2148	-.2249	-.2258	-.2325	-.2358	-.2349	-.2343	-.2393	-.2327	-.2311	-.2338	70.
80.	-.2096	-.2123	-.2146	-.2216	-.2145	-.2203	-.2198	-.2180	-.2199	-.2181	-.2139	-.2162	-.2157	80.
90.	-.0583	-.0672	-.0703	-.0754	-.0802	-.0943	-.0923	-.0936	-.0947	-.0969	-.0963	-.0903	-.0848	90.
100.	.3858	.3864	.3651	.3542	.3782	.3665	.3677	.3633	.3648	.3688	.3686	.3588	.3820	100.
110.	.4143	.4243	.4249	.4105	.4130	.4244	.4187	.4157	.4088	.4079	.4090	.4266	.4152	110.
120.	.4230	.4230	.4336	.4289	.4215	.4250	.4235	.4227	.4156	.4169	.4129	.4228	.4374	120.
130.	.4302	.4156	.4285	.4373	.4288	.4252	.4248	.4278	.4245	.4180	.4194	.4336	.4344	130.
150.	.4379	.4187	.4265	.4339	.4325	.4284	.4245	.4234	.4209	.4246	.4441	.4365	.4402	150.
180.	.4322	.4248	.4255	.4284	.4219	.4332	.4293	.4284	.4259	.4264	.4432	.4481	.4445	180.
210.	.4412	.4240	.4276	.4278	.4296	.4352	.4382	.4364	.4299	.4278	.4492	.4418	.4502	210.
230.	.4411	.4253	.4316	.4375	.4402	.4431	.4440	.4413	.4361	.4318	.4260	.4430	.4524	230.
240.	.4375	.4339	.4388	.4391	.4449	.4471	.4442	.4363	.4371	.4326	.4267	.4392	.4541	240.
250.	.4351	.4372	.4361	.4430	.4481	.4518	.4376	.4376	.4331	.4300	.4338	.4477	.4405	250.
260.	.4127	.4092	.4109	.4116	.4233	.4030	.4065	.4031	.4011	.4050	.4103	.4101	.4236	260.
270.	-.0104	-.0148	-.0117	-.0225	-.0305	-.0396	-.0384	-.0395	-.0475	-.0362	-.0374	-.0288	-.0345	270.
280.	-.2160	-.2230	-.2188	-.2295	-.2285	-.2354	-.2328	-.2353	-.2388	-.2351	-.2319	-.2349	-.2371	280.
290.	-.2055	-.2001	-.2040	-.2034	-.2104	-.2135	-.2153	-.2138	-.2139	-.2168	-.2162	-.2074	-.2143	290.
300.	-.1985	-.1995	-.1991	-.2065	-.2061	-.2116	-.2095	-.2123	-.2153	-.2140	-.2170	-.2185	-.2086	300.
310.	-.0088	-.0119	-.0143	-.0092	-.0214	-.0123	-.0191	-.0160	-.0164	-.0182	-.0189	-.0018	.0010	310.
330.	-.0184	-.0289	-.0262	-.0265	-.0324	-.0312	-.0284	-.0306	-.0355	-.0315	-.0213	-.0213	-.0151	330.
						FOR ALPHA = 20.35 DEG								
0.	-.0630	-.0684	-.0668	-.0679	-.0823	-.0810	-.0794	-.0767	-.0743	-.0767	-.0681	-.0621	-.0606	0.
30.	-.0692	-.0750	-.0722	-.0750	-.0835	-.0838	-.0818	-.0801	-.0765	-.0734	-.0638	-.0642	-.0628	30.
50.	-.1414	-.1473	-.1573	-.1595	-.1625	-.1629	-.1613	-.1640	-.1643	-.1708	-.1696	-.1651	-.1593	50.
60.	-.3357	-.3323	-.3284	-.3269	-.3299	-.3362	-.3415	-.3402	-.3442	-.3472	-.3512	-.3524	-.3522	60.
70.	-.3037	-.3000	-.2985	-.3004	-.2994	-.2980	-.2969	-.3000	-.3003	-.3014	-.3047	-.2999	-.2996	70.
80.	-.2650	-.2746	-.2758	-.2793	-.2710	-.2818	-.2838	-.2842	-.2861	-.2848	-.2841	-.2827	-.2805	80.
90.	-.1268	-.1308	-.1346	-.1365	-.1368	-.1550	-.1478	-.1477	-.1483	-.1454	-.1507	-.1493	-.1487	90.
100.	.4545	.4513	.4364	.4303	.4604	.4376	.4304	.4434	.4442	.4436	.4471	.4473	.4598	100.
110.	.5334	.5339	.5275	.5240	.5269	.5412	.5329	.5289	.5298	.5236	.5242	.5424	.5331	110.
120.	.5548	.5496	.5503	.5472	.5483	.5527	.5563	.5550	.5469	.5436	.5414	.5542	.5616	120.
130.	.5664	.5510	.5557	.5574	.5586	.5615	.5620	.5661	.5605	.5503	.5516	.5646	.5637	130.
150.	.5728	.5606	.5622	.5573	.5585	.5660	.5679	.5648	.5645	.5637	.5819	.5666	.5728	150.
180.	.5678	.5666	.5683	.5701	.5621	.5706	.5675	.5675	.5650	.5671	.5842	.5849	.5764	180.
210.	.5857	.5676	.5692	.5741	.5735	.5749	.5725	.5706	.5649	.5689	.5945	.5797	.5772	210.
230.	.5844	.5611	.5718	.5752	.5737	.5765	.5779	.5767	.5705	.5694	.5692	.5762	.5744	230.
240.	.5751	.5669	.5731	.5713	.5701	.5743	.5767	.5708	.5660	.5652	.5577	.5689	.5803	240.
250.	.5540	.5620	.5582	.5543	.5596	.5708	.5614	.5606	.5581	.5468	.5473	.5691	.5588	250.
260.	.4930	.4960	.4872	.4735	.4996	.4861	.4869	.4866	.4777	.4856	.4913	.4888	.5017	260.
270.	-.0817	-.0838	-.0873	-.0950	-.0932	-.1048	-.1031	-.1070	-.1058	-.1042	-.1081	-.1059	-.1021	270.
280.	-.2652	-.2729	-.2746	-.2784	-.2739	-.2799	-.2829	-.2863	-.2880	-.2879	-.2876	-.2869	-.2865	280.
290.	-.2912	-.2887	-.2883	-.2934	-.2939	-.2957	-.2926	-.2938	-.2948	-.2932	-.2941	-.2891	-.2892	290.
300.	-.3516	-.3500	-.3457	-.3446	-.3449	-.3491	-.3526	-.3523	-.3514	-.3514	-.3565	-.3539	-.3516	300.
310.	-.2306	-.2322	-.2440	-.2439	-.2397	-.2422	-.2420	-.2468	-.2468	-.2509	-.2556	-.2487	-.2453	310.
330.	-.0598	-.0706	-.0725	-.0733	-.0788	-.0792	-.0791	-.0757	-.0749	-.0703	-.0619	-.0644	-.0604	330.

TABLE V. - CONTINUED

(C) MACH = 1.70, BETA = 3.01 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.65 DEG								
0.	.2139	.2039		.1925	.1924	.1966	.2018	.2027	.2059	.2066	.2007	.2087	.2032	.1998
30.			.1777	.1945	.1918	.1935	.1978	.1985	.1990	.1999	.2061	.1980	.1910	.2024
50.	.2066	.2093	.1868	.1910	.1915	.1953	.2008	.2001	.2013	.2005	.2028	.1889	.1994	.2062
60.				.1910	.1937	.1926	.2022	.2014	.2011	.1993	.1949	.1889	.2063	.2035
70.		.2060	.1904	.1937	.1971	.1949	.2068	.2076	.2037	.1998	.1952	.1978	.2037	.2072
80.			.2016	.2021	.2031	.1980	.2124	.2153	.2080	.2060	.2045	.2020	.2082	.2064
90.	.1452	.1357	.1399	.1286	.1311	.1321	.1381	.1364	.1365	.1307	.1275	.1282	.1296	.1327
100.			.0330	.0353	.0328	.0279	.0417	.0424	.0444	.0464	.0382	.0338	.0449	.0439
110.		.0663	.0484	.0447	.0473	.0417	.0532	.0579	.0541	.0511	.0462	.0457	.0582	.0616
120.				.0497	.0542	.0487	.0595	.0605	.0580	.0584	.0534	.0489	.0664	.0648
130.	.0661	.0670	.0449	.0560	.0535	.0566	.0606	.0610	.0608	.0587	.0602	.0524	.0604	.0689
150.			.0407	.0601	.0545	.0550	.0583	.0593	.0598	.0581	.0637	.0593	.0537	.0655
180.	.0690	.0625		.0590	.0556	.0549	.0602	.0620	.1686	.0641	.0571	.0627	.0610	.0597
210.			.0305	.0535	.0541	.0532	.0581	.0595	.0594	.0579	.0619	.0580	.0589	.0677
230.	.0633	.0616	.0501	.0469	.0495	.0527	.0579	.0586	.0573	.0556	.0582	.0557	.0617	.0639
240.				.0395	.0420	.0439	.0543	.0527	.0510	.0516	.0514	.0496	.0614	.0559
250.		.0538	.0404	.0333	.0314	.0305	.0417	.0433	.0432	.0420	.0421	.0428	.0479	.0525
260.			.0407	.0371	.0359	.0308	.0417	.0391	.0403	.0480	.0456	.0409	.0437	.0505
270.	.2418	.2345	.2419	.2321	.2312	.2362	.2383	.2346	.2380	.2379	.2365	.2390	.2358	.2410
280.			.2549	.2521	.2510	.2478	.2702	.2710	.2720	.2735	.2712	.2721	.2792	.2765
290.		.2301	.2211	.2118	.2170	.2169	.2359	.2407	.2364	.2360	.2351	.2356	.2458	.2513
300.				.1984	.2017	.2023	.2216	.2223	.2180	.2205	.2213	.2167	.2339	.2307
310.	.2123	.2054	.2054	.1941	.1958	.2045	.2125	.2162	.2159	.2124	.2190	.2110	.2211	.2257
330.			.1980	.1912	.1915	.1969	.2031	.2039	.2051	.2030	.2135	.2075	.2026	.2141
						FOR ALPHA = -2.65 DEG								
0.	.1757	.1651		.1569	.1565	.1629	.1682	.1679	.2252	.1720	.1648	.1735	.1687	.1653
30.			.1389	.1588	.1547	.1615	.1634	.1647	.1648	.1660	.1730	.1646	.1566	.1684
50.	.1697	.1697	.1499	.1557	.1553	.1623	.1659	.1677	.1677	.1686	.1705	.1577	.1657	.1711
60.				.1571	.1557	.1537	.1685	.1689	.1684	.1695	.1648	.1581	.1744	.1685
70.		.1703	.1603	.1584	.1594	.1569	.1748	.1767	.1730	.1702	.1641	.1666	.1722	.1746
80.			.1676	.1690	.1688	.1643	.1874	.1879	.1851	.1809	.1794	.1785	.1805	.1805
90.	.1678	.1594	.1540	.1535	.1551	.1567	.1670	.1686	.1682	.1624	.1612	.1621	.1596	.1647
100.			.0760	.0738	.0716	.0682	.0866	.0849	.0855	.0890	.0796	.0761	.0809	.0852
110.		.0889	.0711	.0714	.0717	.0692	.0846	.0875	.0843	.0818	.0782	.0757	.0825	.0865
120.				.0720	.0720	.0712	.0848	.0858	.0836	.0837	.0807	.0738	.0861	.0845
130.	.0891	.0879	.0703	.0746	.0739	.0790	.0839	.0863	.0839	.0831	.0851	.0768	.0826	.0876
150.			.0606	.0804	.0733	.0771	.0818	.0829	.0813	.0819	.0869	.0819	.0770	.0859
180.	.0925	.0868		.0783	.0765	.0775	.0828	.0841	.2046	.0881	.0813	.0865	.0837	.0829
210.			.0581	.0747	.0780	.0784	.0797	.0810	.0835	.0833	.0887	.0840	.0824	.0915
230.	.0901	.0884	.0817	.0726	.0760	.0798	.0825	.0837	.0823	.0819	.0829	.0819	.0882	.0896
240.				.0685	.0730	.0737	.0805	.0809	.0786	.0814	.0794	.0801	.0909	.0880
250.		.0898	.0788	.0688	.0700	.0693	.0795	.0824	.0810	.0784	.0783	.0805	.0881	.0912
260.			.0882	.0857	.0871	.0827	.0964	.0964	.0963	.1039	.0992	.0969	.1016	.1045
270.	.2636	.2577	.2587	.2519	.2498	.2549	.2573	.2599	.2616	.2629	.2603	.2632	.2618	.2665
280.			.2106	.2094	.2064	.2057	.2277	.2291	.2299	.2350	.2295	.2275	.2376	.2351
290.		.1887	.1789	.1756	.1752	.1730	.1938	.1979	.1962	.1953	.1930	.1914	.2013	.2075
300.				.1633	.1628	.1645	.1826	.1862	.1826	.1840	.1825	.1786	.1920	.1901
310.	.1777	.1700	.1685	.1597	.1593	.1681	.1756	.1806	.1807	.1766	.1819	.1736	.1816	.1874
330.			.1652	.1568	.1570	.1623	.1675	.1697	.1710	.1690	.1757	.1717	.1673	.1783
						FOR ALPHA = -1.65 DEG								
0.	.1621	.1516		.1437	.1416	.1480	.1524	.1532	.2298	.1553	.1496	.1562	.1522	.1485
30.			.1293	.1468	.1424	.1449	.1475	.1484	.1496	.1500	.1564	.1494	.1406	.1507
50.	.1576	.1564	.1425	.1439	.1430	.1464	.1516	.1524	.1528	.1529	.1550	.1432	.1495	.1543
60.				.1446	.1434	.1396	.1524	.1541	.1532	.1530	.1482	.1436	.1568	.1522
70.		.1582	.1503	.1463	.1472	.1439	.1588	.1623	.1585	.1547	.1487	.1512	.1550	.1592
80.			.1559	.1595	.1573	.1511	.1718	.1734	.1710	.1669	.1661	.1618	.1660	.1660
90.	.1769	.1671	.1664	.1630	.1648	.1662	.1741	.1771	.1764	.1721	.1691	.1702	.1687	.1745
100.			.0913	.0900	.0903	.0872	.1041	.1031	.1022	.1057	.0964	.0941	.0995	.1013
110.		.1009	.0831	.0627	.0866	.0846	.0975	.0996	.0968	.0952	.0909	.0883	.0948	.0982
120.				.0826	.0860	.0830	.0963	.0978	.0961	.0974	.0937	.0879	.0989	.0974
130.	.1004	.0981	.0806	.0850	.0858	.0913	.0958	.0976	.0964	.0969	.0974	.0891	.0942	.0998
150.			.0695	.0889	.0828	.0883	.0931	.0942	.0949	.0938	.0984	.0939	.0890	.0978
180.	.1042	.0965		.0897	.0874	.0901	.0957	.0958	.2157	.1004	.0942	.0994	.0960	.0961
210.			.0716	.0880	.0902	.0912	.0949	.0947	.0950	.0961	.1026	.0974	.0971	.1040
230.	.1010	.0987	.0928	.0846	.0887	.0947	.0984	.0980	.0977	.0971	.0980	.0975	.1041	.1056
240.				.0835	.0863	.0898	.1000	.0977	.0948	.0976	.0950	.0964	.1080	.1055
250.		.1059	.0950	.0856	.0875	.0866	.0995	.1027	.1014	.0976	.0973	.0990	.1071	.1121
260.			.1120	.1074	.1085	.1067	.1228	.1218	.1228	.1295	.1260	.1206	.1255	.1304
270.	.2703	.2647	.2678	.2605	.2577	.2629	.2643	.2668	.2692	.2715	.2684	.2717	.2703	.2749
280.			.1935	.1899	.1876	.1859	.2078	.2088	.2110	.2148	.2100	.2074	.2173	.2156
290.		.1714	.1618	.1560	.1566	.1565	.1750	.1794	.1769	.1752	.1724	.1719	.1802	.1867
300.				.1461	.1460	.1487	.1670	.1674	.1640	.1649	.1642	.1602	.1736	.1710
310.	.1624	.1535	.1535	.1433	.1434	.1525	.1620	.1632	.1631	.1590	.1633	.1565	.1634	.1689
330.			.1494	.1405	.1408	.1474	.1540	.1551	.1544	.1520	.1592	.1536	.1508	.1601

TABLE V. - CONTINUED

(C) MACH = 1.70, BETA = 3.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.65 DEG								
0.	.1994	.1937	.1963	.1950	.1831	.1897	.1901	.1899	.1906	.1917	.2066	.2109	.2098	0.
30.	.1995	.1859	.1888	.1872	.1808	.1816	.1879	.1882	.1850	.1917	.2053	.1975	.2030	30.
50.	.1974	.1856	.1867	.1883	.1840	.1867	.1883	.1933	.1914	.1848	.1824	.1947	.1997	50.
60.	.1933	.1869	.1900	.1892	.1851	.1889	.1904	.1905	.1856	.1854	.1812	.1870	.1978	60.
70.	.1948	.1950	.1931	.1930	.1927	.1980	.1910	.1925	.1881	.1851	.1878	.1971	.1930	70.
80.	.2073	.2046	.1985	.1939	.2109	.1886	.1962	.1991	.1938	.1983	.2006	.2068	.2079	80.
90.	.1311	.1292	.1298	.1241	.1243	.1172	.1190	.1211	.1186	.1164	.1211	.1251	.1205	90.
100.	.0454	.0425	.0362	.0328	.0474	.0281	.0262	.0283	.0240	.0244	.0287	.0311	.0329	100.
110.	.0530	.0515	.0472	.0485	.0494	.0474	.0468	.0430	.0403	.0392	.0371	.0450	.0417	110.
120.	.0562	.0537	.0539	.0510	.0451	.0504	.0505	.0529	.0470	.0443	.0409	.0443	.0525	120.
130.	.0619	.0546	.0536	.0547	.0466	.0497	.0525	.0550	.0528	.0483	.0435	.0530	.0592	130.
150.	.0648	.0543	.0562	.0548	.0463	.0470	.0496	.0512	.0498	.0533	.0643	.0590	.0612	150.
180.	.0601	.0555	.0571	.0581	.0444	.0504	.0504	.0489	.0478	.0503	.0645	.0675	.0651	180.
210.	.0627	.0539	.0564	.0555	.0518	.0524	.0539	.0539	.0494	.0555	.0642	.0614	.0659	210.
230.	.0590	.0533	.0539	.0561	.0486	.0494	.0531	.0568	.0565	.0527	.0452	.0546	.0610	230.
240.	.0483	.0494	.0520	.0498	.0426	.0474	.0480	.0530	.0478	.0476	.0442	.0490	.0550	240.
250.	.0497	.0490	.0441	.0427	.0427	.0399	.0439	.0452	.0366	.0372	.0385	.0477	.0466	250.
260.	.0509	.0496	.0433	.0358	.0461	.0341	.0361	.0360	.0312	.0276	.0336	.0411	.0480	260.
270.	.2424	.2385	.2355	.2337	.2334	.2258	.2335	.2357	.2318	.2276	.2272	.2379	.2318	270.
280.	.2777	.2732	.2696	.2598	.2814	.2635	.2632	.2695	.2616	.2660	.2676	.2744	.2748	280.
290.	.2380	.2380	.2334	.2328	.2309	.2379	.2372	.2323	.2256	.2262	.2272	.2392	.2325	290.
300.	.2205	.2176	.2193	.2170	.2126	.2171	.2215	.2207	.2127	.2078	.2073	.2150	.2237	300.
310.	.2203	.2077	.2098	.2115	.2072	.2094	.2112	.2148	.2105	.2038	.1978	.2111	.2207	310.
330.	.2122	.2011	.2022	.2001	.1979	.1976	.1997	.2021	.1954	.1973	.2132	.2085	.2143	330.
						FOR ALPHA = -2.65 DEG								
0.	.1642	.1576	.1603	.1611	.1492	.1561	.1567	.1569	.1583	.1577	.1707	.1761	.1754	0.
30.	.1666	.1524	.1550	.1529	.1477	.1517	.1542	.1576	.1549	.1586	.1709	.1641	.1701	30.
50.	.1627	.1527	.1533	.1552	.1527	.1558	.1576	.1621	.1614	.1528	.1469	.1600	.1679	50.
60.	.1593	.1571	.1568	.1568	.1536	.1579	.1611	.1598	.1562	.1527	.1472	.1530	.1661	60.
70.	.1632	.1639	.1616	.1607	.1630	.1686	.1615	.1623	.1589	.1567	.1538	.1639	.1622	70.
80.	.1813	.1766	.1739	.1656	.1861	.1640	.1718	.1741	.1693	.1716	.1719	.1776	.1814	80.
90.	.1681	.1641	.1642	.1600	.1598	.1532	.1550	.1558	.1558	.1535	.1544	.1584	.1552	90.
100.	.0910	.0854	.0804	.0759	.0894	.0732	.0702	.0747	.0688	.0685	.0727	.0770	.0785	100.
110.	.0848	.0838	.0794	.0779	.0788	.0783	.0794	.0739	.0670	.0675	.0669	.0758	.0725	110.
120.	.0818	.0811	.0809	.0793	.0726	.0756	.0764	.0756	.0716	.0686	.0664	.0715	.0793	120.
130.	.0841	.0803	.0799	.0814	.0738	.0747	.0742	.0756	.0756	.0723	.0674	.0783	.0844	130.
150.	.0832	.0760	.0803	.0788	.0718	.0709	.0709	.0717	.0709	.0744	.0875	.0834	.0871	150.
180.	.0834	.0767	.0791	.0819	.0687	.0734	.0732	.0726	.0724	.0724	.0842	.0901	.0919	180.
210.	.0874	.0785	.0818	.0817	.0769	.0762	.0762	.0781	.0742	.0763	.0915	.0899	.0935	210.
230.	.0831	.0766	.0785	.0842	.0796	.0804	.0816	.0807	.0780	.0821	.0762	.0849	.0915	230.
240.	.0787	.0773	.0785	.0785	.0755	.0835	.0810	.0797	.0770	.0808	.0749	.0800	.0879	240.
250.	.0866	.0848	.0806	.0784	.0787	.0792	.0820	.0811	.0835	.0800	.0780	.0877	.0840	250.
260.	.1057	.1043	.0985	.0925	.1021	.0872	.0836	.0922	.0905	.0879	.0924	.0984	.1032	260.
270.	.2674	.2637	.2637	.2587	.2599	.2543	.2554	.2597	.2596	.2558	.2540	.2597	.2557	270.
280.	.2376	.2331	.2289	.2206	.2373	.2261	.2215	.2274	.2218	.2229	.2277	.2308	.2371	280.
290.	.1981	.1960	.1899	.1896	.1916	.1953	.1974	.1968	.1909	.1905	.1899	.1996	.1952	290.
300.	.1820	.1787	.1799	.1765	.1753	.1818	.1838	.1850	.1785	.1732	.1689	.1754	.1865	300.
310.	.1825	.1706	.1713	.1746	.1705	.1737	.1761	.1791	.1765	.1686	.1615	.1752	.1844	310.
330.	.1736	.1643	.1651	.1656	.1645	.1638	.1655	.1654	.1614	.1621	.1768	.1742	.1775	330.
						FOR ALPHA = -1.65 DEG								
0.	.1477	.1419	.1440	.1463	.1342	.1411	.1406	.1422	.1420	.1416	.1548	.1600	.1592	0.
30.	.1492	.1374	.1387	.1385	.1343	.1353	.1400	.1444	.1396	.1423	.1552	.1489	.1541	30.
50.	.1473	.1379	.1375	.1417	.1380	.1413	.1422	.1478	.1453	.1359	.1318	.1446	.1512	50.
60.	.1445	.1402	.1417	.1434	.1392	.1450	.1472	.1458	.1406	.1359	.1321	.1373	.1508	60.
70.	.1481	.1482	.1450	.1464	.1487	.1533	.1477	.1483	.1425	.1392	.1378	.1482	.1474	70.
80.	.1667	.1639	.1592	.1533	.1734	.1506	.1583	.1601	.1543	.1555	.1565	.1622	.1670	80.
90.	.1752	.1750	.1748	.1709	.1697	.1643	.1662	.1663	.1662	.1638	.1635	.1680	.1650	90.
100.	.1065	.1056	.0991	.0930	.1089	.0929	.0902	.0931	.0898	.0889	.0905	.0949	.0983	100.
110.	.0932	.0970	.0937	.0928	.0938	.0946	.0967	.0916	.0838	.0818	.0813	.0918	.0894	110.
120.	.0902	.0940	.0959	.0937	.0870	.0892	.0900	.0896	.0867	.0813	.0789	.0847	.0944	120.
130.	.0942	.0885	.0936	.0942	.0870	.0879	.0869	.0893	.0877	.0841	.0803	.0911	.0986	130.
150.	.0962	.0860	.0917	.0924	.0843	.0846	.0838	.0845	.0811	.0858	.1000	.0960	.1015	150.
180.	.0956	.0905	.0913	.0932	.0807	.0862	.0858	.0849	.0844	.0848	.0969	.1019	.1041	180.
210.	.1007	.0915	.0953	.0954	.0912	.0891	.0879	.0903	.0836	.0897	.1021	.1048	.1089	210.
230.	.0992	.0912	.0931	.0996	.0965	.0974	.0979	.0947	.0907	.0915	.0918	.1006	.1072	230.
240.	.0963	.0932	.0930	.0942	.0921	.1005	.0992	.0967	.0902	.0972	.0929	.0964	.1041	240.
250.	.1067	.1058	.1006	.0976	.0983	.0975	.1000	.1007	.0989	.1045	.1004	.1087	.1041	250.
260.	.1315	.1308	.1250	.1186	.1289	.1146	.1131	.1154	.1183	.1160	.1207	.1258	.1304	260.
270.	.2751	.2721	.2730	.2686	.2690	.2645	.2656	.2668	.2696	.2667	.2640	.2694	.2646	270.
280.	.2174	.2143	.2074	.2014	.2192	.2056	.2021	.2061	.2003	.2018	.2078	.2092	.2157	280.
290.	.1787	.1761	.1701	.1702	.1738	.1760	.1765	.1771	.1710	.1714	.1711	.1806	.1773	290.
300.	.1636	.1611	.1623	.1598	.1590	.1660	.1660	.1677	.1629	.1555	.1518	.1570	.1668	300.
310.	.1632	.1531	.1539	.1584	.1539	.1577	.1597	.1623	.1608	.1523	.1440	.1585	.1658	310.
330.	.1569	.1466	.1497	.1501	.1490	.1489	.1502	.1498	.1454	.1471	.1601	.1572	.1622	330.

TABLE V. - CONTINUED

(C) MACH = 1.70, BETA = 3.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -.65 DEG								
0.	.1457	.1357		.1277	.1271	.1332	.1381	.1386	.2321	.1402	.1337	.1408	.1361	.1325
30.			.1157	.1316	.1255	.1304	.1338	.1353	.1364	.1352	.1426	.1339	.1268	.1369
50.	.1409	.1392	.1288	.1279	.1262	.1322	.1373	.1385	.1386	.1385	.1411	.1281	.1354	.1399
60.				.1286	.1270	.1223	.1398	.1400	.1398	.1395	.1350	.1291	.1417	.1376
70.		.1404	.1353	.1282	.1285	.1265	.1459	.1481	.1445	.1401	.1361	.1361	.1403	.1433
80.			.1395	.1403	.1389	.1347	.1587	.1589	.1562	.1530	.1504	.1474	.1511	.1501
90.	.1806	.1716	.1702	.1677	.1677	.1697	.1808	.1843	.1829	.1789	.1764	.1771	.1755	.1805
100.			.1107	.1100	.1082	.1046	.1240	.1224	.1225	.1247	.1151	.1135	.1194	.1202
110.		.1161	.0983	.0966	.1000	.0997	.1148	.1162	.1138	.1107	.1086	.1061	.1117	.1173
120.				.0969	.0994	.0976	.1112	.1115	.1106	.1110	.1078	.1016	.1145	.1117
130.	.1151	.1128	.0974	.0978	.0980	.1046	.1095	.1098	.1103	.1099	.1120	.1023	.1091	.1125
150.			.0846	.1010	.0982	.1011	.1063	.1076	.1082	.1070	.1124	.1075	.1032	.1109
180.	.1179	.1100		.1030	.1013	.1022	.1093	.1100	.2256	.1132	.1081	.1137	.1104	.1094
210.			.0974	.1026	.1034	.1038	.1090	.1090	.1084	.1093	.1168	.1117	.1120	.1199
230.	.1163	.1125	.1065	.1020	.1032	.1082	.1131	.1153	.1139	.1129	.1149	.1127	.1215	.1248
240.				.1014	.1030	.1053	.1151	.1145	.1122	.1137	.1131	.1129	.1267	.1245
250.		.1228	.1136	.1061	.1066	.1081	.1198	.1209	.1201	.1181	.1184	.1183	.1257	.1308
260.			.1352	.1309	.1330	.1301	.1471	.1461	.1472	.1540	.1499	.1468	.1514	.1541
270.	.2737	.2677	.2653	.2639	.2638	.2681	.2679	.2710	.2747	.2751	.2725	.2768	.2751	.2800
280.			.1715	.1667	.1680	.1663	.1865	.1846	.1894	.1951	.1884	.1850	.1941	.1944
290.		.1529	.1425	.1378	.1372	.1374	.1552	.1578	.1566	.1545	.1523	.1514	.1615	.1651
300.				.1290	.1290	.1312	.1502	.1491	.1444	.1470	.1434	.1391	.1526	.1514
310.	.1480	.1369	.1353	.1258	.1275	.1378	.1457	.1467	.1442	.1417	.1459	.1406	.1464	.1502
330.			.1250	.1249	.1264	.1341	.1388	.1401	.1372	.1348	.1424	.1378	.1346	.1426
						FOR ALPHA = .35 DEG								
0.	.1322	.1242		.1176	.1164	.1201	.1269	.1278	.2323	.1252	.1213	.1294	.1245	.1215
30.			.1092	.1232	.1194	.1167	.1243	.1278	.1286	.1295	.1317	.1257	.1200	.1314
50.	.1293	.1294	.1218	.1212	.1198	.1185	.1277	.1313	.1323	.1328	.1290	.1191	.1288	.1339
60.				.1195	.1192	.1175	.1292	.1325	.1324	.1334	.1224	.1200	.1345	.1307
70.		.1317	.1283	.1197	.1212	.1207	.1330	.1387	.1373	.1332	.1234	.1255	.1316	.1351
80.			.1301	.1319	.1292	.1277	.1433	.1463	.1451	.1430	.1328	.1336	.1397	.1396
90.	.1808	.1754	.1778	.1738	.1732	.1766	.1836	.1884	.1886	.1851	.1786	.1810	.1804	.1862
100.			.1274	.1274	.1247	.1212	.1428	.1431	.1420	.1436	.1344	.1325	.1375	.1405
110.		.1313	.1152	.1127	.1144	.1130	.1301	.1329	.1305	.1265	.1235	.1222	.1275	.1331
120.				.1108	.1125	.1108	.1252	.1262	.1245	.1253	.1222	.1172	.1285	.1264
130.	.1277	.1271	.1125	.1105	.1114	.1189	.1228	.1247	.1240	.1242	.1259	.1172	.1242	.1274
150.			.1008	.1134	.1117	.1160	.1204	.1210	.1220	.1215	.1263	.1207	.1162	.1252
180.	.1334	.1248		.1165	.1171	.1177	.1230	.1242	.2319	.1270	.1209	.1274	.1242	.1236
210.			.1124	.1191	.1206	.1193	.1240	.1240	.1235	.1228	.1301	.1275	.1268	.1355
230.	.1332	.1293	.1250	.1181	.1202	.1244	.1298	.1294	.1293	.1275	.1306	.1304	.1373	.1424
240.				.1192	.1202	.1230	.1343	.1335	.1297	.1313	.1287	.1295	.1437	.1411
250.		.1427	.1312	.1251	.1264	.1284	.1406	.1426	.1392	.1368	.1378	.1383	.1460	.1517
260.			.1576	.1580	.1558	.1548	.1710	.1702	.1710	.1777	.1753	.1692	.1748	.1777
270.	.2789	.2682	.2739	.2687	.2647	.2667	.2700	.2728	.2756	.2772	.2734	.2774	.2762	.2809
280.			.1480	.1469	.1469	.1442	.1655	.1643	.1668	.1729	.1661	.1648	.1713	.1724
290.		.1344	.1253	.1177	.1168	.1179	.1373	.1389	.1369	.1349	.1321	.1314	.1409	.1447
300.				.1110	.1113	.1155	.1323	.1310	.1265	.1295	.1258	.1224	.1333	.1322
310.	.1299	.1220	.1191	.1100	.1118	.1236	.1306	.1302	.1279	.1256	.1272	.1216	.1260	.1289
330.			.1003	.1097	.1123	.1206	.1241	.1245	.1214	.1200	.1259	.1223	.1184	.1261
						FOR ALPHA = 1.36 DEG								
0.	.1175	.1088		.1016	.0994	.1054	.1102	.1100	.2214	.1116	.1064	.1112	.1079	.1051
30.			.0905	.1039	.0979	.1009	.1056	.1074	.1084	.1081	.1135	.1049	.1000	.1094
50.	.1142	.1112	.1011	.1007	.0985	.1045	.1098	.1104	.1121	.1108	.1098	.0999	.1074	.1118
60.				.0995	.0987	.0957	.1119	.1115	.1112	.1110	.1049	.1011	.1123	.1081
70.		.1139	.1085	.0985	.0995	.0983	.1142	.1161	.1133	.1081	.1031	.1016	.1083	.1092
80.			.1074	.1077	.1038	.1027	.1229	.1233	.1191	.1172	.1134	.1115	.1144	.1145
90.	.1776	.1712	.1748	.1664	.1672	.1709	.1810	.1838	.1818	.1790	.1742	.1757	.1738	.1800
100.			.1453	.1416	.1403	.1373	.1591	.1603	.1582	.1589	.1505	.1493	.1542	.1562
110.		.1456	.1314	.1286	.1289	.1270	.1448	.1474	.1440	.1426	.1385	.1370	.1422	.1470
120.				.1252	.1259	.1242	.1396	.1401	.1385	.1403	.1362	.1311	.1428	.1397
130.	.1424	.1421	.1274	.1253	.1247	.1331	.1378	.1394	.1376	.1381	.1398	.1306	.1369	.1422
150.			.1126	.1278	.1242	.1301	.1346	.1347	.1364	.1355	.1406	.1348	.1296	.1398
180.	.1496	.1401		.1307	.1315	.1333	.1376	.1391	.2340	.1424	.1356	.1424	.1393	.1381
210.			.1344	.1342	.1368	.1353	.1390	.1396	.1403	.1394	.1451	.1422	.1422	.1521
230.	.1525	.1473	.1423	.1363	.1372	.1415	.1460	.1463	.1462	.1445	.1473	.1465	.1549	.1608
240.				.1380	.1389	.1414	.1517	.1509	.1476	.1492	.1493	.1498	.1645	.1612
250.		.1655	.1496	.1450	.1481	.1474	.1609	.1625	.1600	.1565	.1584	.1594	.1669	.1712
260.			.1627	.1821	.1800	.1780	.1950	.1945	.1933	.2000	.1967	.1906	.2002	.1995
270.	.2796	.2718	.2748	.2676	.2671	.2710	.2677	.2711	.2737	.2741	.2721	.2757	.2747	.2788
280.			.1272	.1252	.1254	.1229	.1425	.1413	.1435	.1499	.1431	.1419	.1486	.1488
290.		.1171	.1076	.0989	.1000	.1031	.1182	.1192	.1184	.1180	.1138	.1136	.1219	.1256
300.				.0947	.0974	.1003	.1152	.1135	.1098	.1131	.1100	.1065	.1169	.1155
310.	.1143	.1085	.1077	.0960	.0986	.1094	.1160	.1135	.1104	.1108	.1119	.1059	.1110	.1140
330.			.0876	.0973	.0996	.1064	.1110	.1086	.1074	.1065	.1138	.1084	.1052	.1127

TABLE V. - CONTINUED

(C) MACH = 1.70, BETA = 3.01 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.65 DEG								
0.	.1330	.1269	.1298	.1319	.1210	.1264	.1276	.1282	.1272	.1271	.1406	.1451	.1421	0.
30.	.1359	.1233	.1250	.1255	.1200	.1240	.1275	.1301	.1248	.1271	.1404	.1352	.1388	30.
50.	.1332	.1239	.1249	.1281	.1254	.1291	.1316	.1355	.1296	.1221	.1179	.1316	.1376	50.
60.	.1298	.1272	.1290	.1293	.1259	.1309	.1345	.1334	.1255	.1218	.1180	.1248	.1367	60.
70.	.1346	.1344	.1327	.1341	.1353	.1406	.1342	.1354	.1276	.1247	.1236	.1346	.1332	70.
80.	.1523	.1482	.1452	.1387	.1593	.1388	.1438	.1478	.1388	.1411	.1426	.1495	.1511	80.
90.	.1805	.1823	.1830	.1787	.1772	.1716	.1742	.1746	.1744	.1710	.1711	.1761	.1719	90.
100.	.1223	.1258	.1188	.1122	.1283	.1154	.1096	.1130	.1066	.1090	.1106	.1127	.1169	100.
110.	.1071	.1110	.1114	.1097	.1090	.1112	.1104	.1068	.0985	.0960	.0948	.1059	.1048	110.
120.	.1030	.1023	.1109	.1084	.1011	.1043	.1042	.1031	.0993	.0945	.0904	.0978	.1089	120.
130.	.1071	.0999	.1051	.1100	.1013	.1025	.1014	.1027	.0994	.0973	.0928	.1047	.1116	130.
150.	.1087	.0984	.1020	.1059	.0978	.0978	.0988	.0979	.0934	.0987	.1122	.1093	.1134	150.
180.	.1092	.1028	.1058	.1062	.0938	.0996	.0997	.0984	.0971	.0979	.1102	.1147	.1154	180.
210.	.1151	.1052	.1092	.1094	.1057	.1045	.1029	.1031	.0971	.1012	.1159	.1174	.1237	210.
230.	.1186	.1077	.1086	.1140	.1101	.1119	.1131	.1115	.1055	.1046	.1034	.1166	.1229	230.
240.	.1150	.1128	.1126	.1105	.1058	.1147	.1185	.1158	.1086	.1082	.1096	.1122	.1213	240.
250.	.1265	.1259	.1213	.1190	.1182	.1164	.1167	.1195	.1159	.1264	.1204	.1299	.1249	250.
260.	.1560	.1568	.1524	.1447	.1569	.1415	.1374	.1414	.1418	.1436	.1455	.1494	.1532	260.
270.	.2797	.2770	.2778	.2745	.2744	.2711	.2717	.2736	.2739	.2730	.2705	.2756	.2705	270.
280.	.1951	.1906	.1861	.1801	.1972	.1834	.1813	.1857	.1802	.1805	.1854	.1898	.1941	280.
290.	.1583	.1552	.1510	.1512	.1535	.1552	.1568	.1561	.1499	.1526	.1507	.1619	.1605	290.
300.	.1429	.1399	.1422	.1447	.1431	.1489	.1504	.1515	.1450	.1383	.1353	.1409	.1476	300.
310.	.1457	.1370	.1398	.1447	.1395	.1417	.1443	.1466	.1422	.1352	.1283	.1409	.1480	310.
330.	.1394	.1285	.1349	.1367	.1344	.1337	.1342	.1350	.1294	.1307	.1449	.1403	.1453	330.
						FOR ALPHA = .35 DEG								
0.	.1195	.1149	.1199	.1228	.1078	.1156	.1172	.1168	.1133	.1150	.1293	.1330	.1311	0.
30.	.1229	.1145	.1193	.1193	.1083	.1153	.1218	.1220	.1098	.1179	.1338	.1282	.1310	30.
50.	.1206	.1162	.1185	.1223	.1123	.1208	.1242	.1264	.1224	.1122	.1110	.1246	.1310	50.
60.	.1162	.1181	.1231	.1232	.1129	.1226	.1278	.1253	.1172	.1103	.1094	.1185	.1312	60.
70.	.1202	.1240	.1245	.1265	.1293	.1293	.1285	.1267	.1208	.1126	.1143	.1288	.1276	70.
80.	.1339	.1365	.1354	.1319	.1464	.1246	.1311	.1352	.1291	.1240	.1300	.1381	.1438	80.
90.	.1862	.1839	.1882	.1857	.1834	.1742	.1792	.1801	.1807	.1730	.1745	.1804	.1777	90.
100.	.1415	.1375	.1388	.1309	.1477	.1339	.1312	.1334	.1244	.1278	.1301	.1304	.1329	100.
110.	.1233	.1231	.1266	.1259	.1245	.1276	.1252	.1213	.1130	.1113	.1104	.1201	.1195	110.
120.	.1180	.1163	.1203	.1249	.1167	.1180	.1198	.1184	.1138	.1082	.1046	.1121	.1229	120.
130.	.1205	.1130	.1158	.1249	.1174	.1176	.1162	.1178	.1138	.1102	.1053	.1173	.1248	130.
150.	.1227	.1129	.1150	.1166	.1143	.1130	.1131	.1135	.1080	.1107	.1260	.1226	.1262	150.
180.	.1237	.1176	.1202	.1207	.1065	.1148	.1139	.1141	.1126	.1121	.1238	.1284	.1284	180.
210.	.1298	.1201	.1235	.1235	.1224	.1191	.1177	.1185	.1136	.1138	.1280	.1290	.1395	210.
230.	.1357	.1246	.1256	.1311	.1259	.1282	.1293	.1276	.1218	.1196	.1161	.1339	.1399	230.
240.	.1342	.1305	.1287	.1286	.1247	.1317	.1338	.1326	.1267	.1240	.1274	.1302	.1384	240.
250.	.1461	.1463	.1414	.1384	.1383	.1369	.1364	.1353	.1303	.1417	.1421	.1513	.1461	250.
260.	.1807	.1790	.1746	.1660	.1819	.1662	.1648	.1659	.1621	.1681	.1725	.1737	.1779	260.
270.	.2810	.2764	.2791	.2759	.2763	.2723	.2738	.2746	.2742	.2755	.2720	.2754	.2725	270.
280.	.1711	.1672	.1644	.1596	.1745	.1623	.1592	.1622	.1564	.1557	.1607	.1667	.1721	280.
290.	.1382	.1354	.1337	.1330	.1350	.1348	.1373	.1355	.1309	.1334	.1335	.1432	.1408	290.
300.	.1253	.1240	.1247	.1243	.1232	.1301	.1342	.1362	.1283	.1233	.1199	.1234	.1298	300.
310.	.1259	.1211	.1241	.1298	.1251	.1259	.1303	.1312	.1268	.1193	.1135	.1241	.1319	310.
330.	.1238	.1160	.1217	.1223	.1204	.1199	.1204	.1200	.1139	.1160	.1281	.1251	.1302	330.
						FOR ALPHA = 1.36 DEG								
0.	.1045	.0993	.1038	.1070	.0932	.0996	.0998	.0989	.0989	.0997	.1120	.1153	.1136	0.
30.	.1057	.0966	.0990	.0989	.0953	.0993	.1008	.1005	.0963	.1010	.1129	.1067	.1102	30.
50.	.1046	.0971	.0991	.1021	.0983	.1043	.1043	.1058	.1009	.0951	.0920	.1035	.1103	50.
60.	.1012	.1016	.1032	.1028	.1001	.1065	.1078	.1034	.0959	.0937	.0909	.0983	.1091	60.
70.	.1027	.1034	.1031	.1047	.1064	.1107	.1076	.1063	.0990	.0955	.0960	.1074	.1046	70.
80.	.1159	.1155	.1117	.1085	.1204	.1045	.1070	.1093	.1044	.1046	.1093	.1189	.1190	80.
90.	.1797	.1793	.1813	.1793	.1772	.1701	.1740	.1743	.1734	.1686	.1706	.1748	.1721	90.
100.	.1576	.1535	.1556	.1475	.1648	.1486	.1482	.1489	.1416	.1451	.1469	.1474	.1483	100.
110.	.1374	.1380	.1389	.1425	.1402	.1432	.1415	.1366	.1289	.1267	.1262	.1355	.1332	110.
120.	.1325	.1310	.1330	.1390	.1328	.1337	.1358	.1326	.1283	.1224	.1182	.1252	.1381	120.
130.	.1355	.1266	.1290	.1353	.1325	.1330	.1309	.1334	.1291	.1243	.1196	.1312	.1396	130.
150.	.1378	.1265	.1293	.1291	.1278	.1291	.1279	.1281	.1233	.1265	.1407	.1361	.1404	150.
180.	.1381	.1318	.1346	.1363	.1218	.1291	.1289	.1289	.1278	.1267	.1381	.1438	.1434	180.
210.	.1474	.1368	.1394	.1396	.1372	.1345	.1347	.1344	.1306	.1292	.1420	.1437	.1544	210.
230.	.1525	.1419	.1424	.1461	.1424	.1447	.1465	.1456	.1398	.1356	.1292	.1487	.1566	230.
240.	.1521	.1491	.1503	.1484	.1454	.1508	.1512	.1504	.1440	.1408	.1404	.1490	.1564	240.
250.	.1662	.1663	.1616	.1599	.1592	.1576	.1573	.1570	.1518	.1600	.1636	.1714	.1661	250.
260.	.2037	.2019	.1971	.1903	.2057	.1904	.1889	.1914	.1862	.1942	.1996	.2001	.2000	260.
270.	.2781	.2743	.2788	.2750	.2752	.2714	.2723	.2731	.2724	.2733	.2710	.2757	.2710	270.
280.	.1471	.1466	.1427	.1376	.1522	.1406	.1342	.1386	.1352	.1314	.1383	.1442	.1508	280.
290.	.1190	.1194	.1149	.1153	.1159	.1162	.1206	.1213	.1172	.1155	.1154	.1242	.1189	290.
300.	.1091	.1086	.1084	.1078	.1053	.1156	.1196	.1208	.1132	.1085	.1027	.1062	.1149	300.
310.	.1101	.1064	.1072	.1124	.1103	.1138	.1162	.1176	.1127	.1058	.0981	.1080	.1165	310.
330.	.1096	.1037	.1086	.1089	.1061	.1068	.1064	.1056	.1010	.1037	.1135	.1117	.1173	330.

TABLE V. - CONTINUED

(C) MACH = 1.70, BETA = 3.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.35 DEG								
0.	.1046	.0963		.0891	.0867	.0922	.0965	.0967	.2112	.0979	.0913	.0979	.0941	.0920
30.			.0756	.0913	.0862	.0888	.0933	.0949	.0950	.0949	.0988	.0937	.0879	.0971
50.	.1013	.0988	.0863	.0881	.0863	.0915	.0960	.0981	.0987	.0975	.0962	.0882	.0944	.1001
60.				.0855	.0850	.0836	.0973	.0997	.0978	.0962	.0920	.0878	.0991	.0963
70.		.1004	.0896	.0838	.0849	.0843	.0974	.1003	.0994	.0942	.0904	.0893	.0944	.0987
80.			.0895	.0893	.0856	.0850	.1049	.1050	.1019	.1028	.0972	.0921	.0985	.0994
90.	.1743	.1677	.1697	.1611	.1616	.1648	.1741	.1766	.1749	.1738	.1678	.1686	.1676	.1736
100.			.1649	.1592	.1586	.1533	.1731	.1759	.1733	.1746	.1667	.1640	.1699	.1699
110.		.1644	.1495	.1465	.1476	.1440	.1605	.1633	.1600	.1579	.1537	.1523	.1581	.1617
120.				.1451	.1423	.1413	.1553	.1550	.1538	.1544	.1507	.1467	.1586	.1553
130.	.1614	.1630	.1425	.1446	.1416	.1473	.1532	.1535	.1536	.1531	.1561	.1455	.1522	.1576
150.			.1236	.1462	.1405	.1468	.1492	.1508	.1500	.1515	.1568	.1494	.1440	.1541
180.	.1665	.1568		.1463	.1456	.1493	.1538	.1546	.2317	.1574	.1511	.1578	.1552	.1538
210.			.1519	.1479	.1494	.1509	.1549	.1552	.1557	.1554	.1602	.1586	.1595	.1686
230.	.1676	.1620	.1587	.1512	.1518	.1579	.1619	.1639	.1627	.1618	.1646	.1623	.1710	.1775
240.				.1543	.1559	.1558	.1688	.1697	.1665	.1673	.1683	.1669	.1817	.1784
250.		.1832	.1676	.1651	.1665	.1670	.1809	.1832	.1788	.1764	.1795	.1800	.1876	.1921
260.			.2030	.2045	.2024	.2000	.2176	.2156	.2138	.2211	.2162	.2139	.2216	.2193
270.	.2686	.2630	.2680	.2600	.2605	.2627	.2623	.2651	.2680	.2679	.2652	.2685	.2676	.2716
280.			.1043	.1016	.1030	.0989	.1165	.1162	.1176	.1251	.1173	.1154	.1208	.1230
290.		.1003	.0907	.0838	.0818	.0833	.0978	.0987	.0989	.0971	.0921	.0933	.1001	.1053
300.				.0804	.0826	.0826	.0979	.0964	.0931	.0961	.0916	.0880	.0983	.0989
310.	.1003	.0950	.0917	.0821	.0849	.0947	.0991	.0976	.0933	.0950	.0944	.0885	.0944	.0973
330.			.0762	.0844	.0871	.0925	.0964	.0946	.0933	.0923	.0981	.0929	.0899	.0984
						FOR ALPHA = 3.35 DEG								
0.	.0913	.0843		.0769	.0730	.0789	.0836	.0833	.1985	.0851	.0787	.0851	.0819	.0797
30.			.0631	.0792	.0719	.0765	.0812	.0824	.0828	.0821	.0864	.0800	.0763	.0849
50.	.0879	.0866	.0680	.0756	.0716	.0788	.0840	.0862	.0847	.0825	.0842	.0749	.0820	.0866
60.				.0722	.0713	.0693	.0857	.0863	.0842	.0817	.0794	.0737	.0849	.0825
70.		.0866	.0612	.0689	.0694	.0666	.0867	.0890	.0840	.0780	.0760	.0741	.0782	.0838
80.			.0707	.0665	.0673	.0652	.0881	.0888	.0821	.0845	.0780	.0728	.0772	.0794
90.	.1648	.1591	.1616	.1496	.1518	.1550	.1648	.1662	.1643	.1615	.1569	.1571	.1566	.1614
100.			.1801	.1745	.1736	.1693	.1882	.1902	.1868	.1878	.1815	.1775	.1833	.1841
110.		.1799	.1639	.1637	.1643	.1600	.1768	.1789	.1756	.1725	.1687	.1675	.1734	.1779
120.				.1610	.1603	.1570	.1707	.1708	.1701	.1703	.1672	.1608	.1744	.1706
130.	.1766	.1800	.1556	.1608	.1578	.1624	.1681	.1693	.1692	.1678	.1722	.1610	.1682	.1733
150.			.1400	.1631	.1587	.1602	.1656	.1656	.1664	.1669	.1730	.1659	.1606	.1708
180.	.1842	.1744		.1640	.1632	.1657	.1701	.1712	.2260	.1744	.1675	.1740	.1717	.1698
210.			.1679	.1661	.1676	.1687	.1715	.1725	.1729	.1723	.1782	.1762	.1746	.1858
230.	.1887	.1814	.1767	.1703	.1715	.1757	.1803	.1818	.1820	.1795	.1837	.1810	.1897	.1957
240.				.1741	.1751	.1763	.1869	.1893	.1841	.1859	.1867	.1856	.2013	.1987
250.		.2031	.1879	.1870	.1874	.1875	.1993	.2039	.1988	.1966	.1989	.1988	.2086	.2149
260.			.2271	.2285	.2256	.2190	.2357	.2363	.2353	.2426	.2374	.2347	.2428	.2415
270.	.2637	.2559	.2665	.2552	.2543	.2548	.2550	.2559	.2601	.2580	.2579	.2595	.2576	.2615
280.			.0815	.0779	.0797	.0732	.0913	.0903	.0933	.0978	.0918	.0891	.0949	.0973
290.		.0838	.0715	.0647	.0636	.0645	.0779	.0797	.0798	.0780	.0716	.0722	.0821	.0869
300.				.0656	.0665	.0674	.0802	.0794	.0777	.0802	.0755	.0713	.0838	.0847
310.	.0877	.0824	.0736	.0683	.0707	.0816	.0836	.0816	.0793	.0802	.0789	.0735	.0807	.0841
330.			.0548	.0731	.0745	.0795	.0826	.0827	.0814	.0790	.0839	.0794	.0777	.0862
						FOR ALPHA = 5.35 DEG								
0.	.0705	.0627		.0592	.0532	.0557	.0601	.0597	.1623	.0617	.0566	.0630	.0600	.0585
30.			.0450	.0619	.0548	.0541	.0580	.0591	.0593	.0587	.0632	.0589	.0551	.0629
50.	.0682	.0667	.0506	.0573	.0539	.0565	.0608	.0610	.0615	.0583	.0602	.0524	.0605	.0644
60.				.0522	.0519	.0505	.0600	.0599	.0580	.0562	.0530	.0493	.0628	.0601
70.		.0652	.0437	.0456	.0457	.0449	.0564	.0584	.0532	.0491	.0450	.0443	.0521	.0584
80.			.0358	.0329	.0325	.0280	.0423	.0414	.0410	.0421	.0341	.0293	.0358	.0396
90.	.1406	.1317	.1322	.1187	.1233	.1259	.1350	.1284	.1343	.1280	.1218	.1221	.1209	.1263
100.			.2038	.2027	.1991	.1935	.2147	.2172	.2118	.2138	.2067	.2051	.2106	.2117
110.		.2090	.1938	.1954	.1936	.1897	.2078	.2113	.2044	.2045	.1992	.2006	.2048	.2107
120.				.1904	.1905	.1868	.2024	.2044	.2035	.2013	.1998	.1936	.2077	.2049
130.	.2090	.2094	.1911	.1912	.1895	.1957	.2019	.2029	.2028	.2013	.2047	.1935	.2007	.2068
150.			.1830	.1925	.1907	.1950	.1989	.1996	.2006	.2009	.2053	.2002	.1943	.2033
180.	.2208	.2084		.1981	.1965	.2005	.2072	.2067	.2089	.2097	.2028	.2095	.2064	.2050
210.			.2024	.2063	.2046	.2012	.2093	.2092	.2111	.2077	.2158	.2129	.2106	.2228
230.	.2268	.2200	.2177	.2094	.2109	.2100	.2175	.2207	.2196	.2176	.2250	.2168	.2270	.2349
240.				.2151	.2180	.2137	.2248	.2281	.2238	.2278	.2262	.2236	.2397	.2370
250.		.2451	.2330	.2290	.2332	.2294	.2406	.2441	.2399	.2428	.2400	.2429	.2512	.2571
260.			.2740	.2698	.2646	.2630	.2741	.2731	.2758	.2786	.2776	.2762	.2820	.2819
270.	.2417	.2335	.2390	.2289	.2289	.2301	.2315	.2293	.2369	.2313	.2298	.2315	.2294	.2344
280.			.0334	.0249	.0263	.0179	.0350	.0349	.0364	.0376	.0366	.0361	.0377	.0444
290.		.0514	.0358	.0279	.0273	.0258	.0383	.0393	.0406	.0382	.0345	.0405	.0496	.0538
300.				.0360	.0370	.0375	.0489	.0493	.0471	.0495	.0465	.0458	.0617	.0590
310.	.0646	.0584	.0349	.0426	.0455	.0528	.0551	.0553	.0547	.0539	.0558	.0501	.0604	.0669
330.			.0303	.0514	.0529	.0541	.0576	.0574	.0562	.0539	.0613	.0563	.0552	.0676

TABLE V. - CONTINUED

(C) MACH = 1.70, BETA = 3.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.35 DEG								
0.	.0914	.0872	.0924	.0945	.0815	.0873	.0862	.0872	.0869	.0872	.0982	.1015	.0996	0.
30.	.0940	.0843	.0882	.0896	.0856	.0863	.0887	.0886	.0847	.0886	.0988	.0933	.0984	30.
50.	.0937	.0873	.0878	.0936	.0892	.0927	.0910	.0922	.0880	.0822	.0795	.0897	.0979	50.
60.	.0903	.0886	.0923	.0929	.0889	.0926	.0935	.0880	.0835	.0799	.0780	.0853	.0959	60.
70.	.0915	.0930	.0914	.0928	.0959	.0969	.0911	.0877	.0817	.0804	.0812	.0929	.0910	70.
80.	.1003	.0984	.0960	.0934	.1064	.0886	.0895	.0924	.0872	.0864	.0932	.1013	.0983	80.
90.	.1742	.1728	.1746	.1727	.1719	.1645	.1667	.1684	.1684	.1628	.1641	.1690	.1662	90.
100.	.1733	.1691	.1682	.1653	.1820	.1644	.1647	.1655	.1571	.1609	.1625	.1635	.1636	100.
110.	.1535	.1527	.1525	.1574	.1574	.1596	.1571	.1524	.1438	.1405	.1420	.1515	.1488	110.
120.	.1478	.1456	.1480	.1508	.1485	.1502	.1510	.1498	.1438	.1375	.1336	.1409	.1537	120.
130.	.1501	.1409	.1437	.1470	.1496	.1484	.1474	.1477	.1458	.1396	.1340	.1460	.1536	130.
150.	.1519	.1422	.1442	.1435	.1408	.1451	.1441	.1433	.1385	.1423	.1554	.1518	.1557	150.
180.	.1538	.1473	.1494	.1519	.1384	.1441	.1448	.1434	.1431	.1418	.1543	.1586	.1594	180.
210.	.1642	.1527	.1545	.1546	.1531	.1524	.1507	.1496	.1462	.1446	.1583	.1589	.1699	210.
230.	.1704	.1589	.1599	.1626	.1583	.1615	.1626	.1630	.1568	.1523	.1460	.1655	.1746	230.
240.	.1694	.1691	.1694	.1649	.1626	.1680	.1687	.1679	.1616	.1587	.1563	.1668	.1750	240.
250.	.1842	.1856	.1807	.1802	.1786	.1787	.1791	.1812	.1741	.1781	.1826	.1891	.1838	250.
260.	.2243	.2231	.2194	.2115	.2272	.2120	.2108	.2128	.2080	.2161	.2225	.2214	.2222	260.
270.	.2715	.2700	.2707	.2688	.2680	.2636	.2655	.2663	.2661	.2652	.2625	.2681	.2632	270.
280.	.1231	.1219	.1195	.1128	.1272	.1131	.1081	.1130	.1079	.1061	.1138	.1203	.1262	280.
290.	.1009	.1015	.0962	.0962	.0967	.0999	.1050	.1023	.0974	.0948	.0949	.1029	.0999	290.
300.	.0936	.0923	.0917	.0926	.0912	.1000	.1030	.1031	.0956	.0918	.0848	.0901	.0971	300.
310.	.0963	.0927	.0917	.0960	.0942	.1004	.1015	.1025	.0969	.0911	.0823	.0930	.1010	310.
330.	.0973	.0912	.0952	.0961	.0927	.0932	.0920	.0928	.0886	.0885	.0995	.0974	.1021	330.
						FOR ALPHA = 3.35 DEG								
0.	.0798	.0760	.0808	.0818	.0689	.0733	.0740	.0741	.0748	.0741	.0848	.0883	.0871	0.
30.	.0825	.0731	.0766	.0777	.0734	.0735	.0748	.0756	.0730	.0750	.0843	.0798	.0849	30.
50.	.0813	.0754	.0759	.0811	.0767	.0786	.0774	.0792	.0748	.0707	.0655	.0773	.0847	50.
60.	.0776	.0760	.0787	.0801	.0763	.0789	.0774	.0730	.0692	.0678	.0656	.0717	.0801	60.
70.	.0780	.0802	.0789	.0797	.0831	.0799	.0726	.0723	.0663	.0669	.0683	.0769	.0747	70.
80.	.0822	.0808	.0770	.0749	.0865	.0697	.0686	.0715	.0646	.0657	.0737	.0811	.0752	80.
90.	.1636	.1613	.1624	.1610	.1602	.1535	.1557	.1568	.1548	.1513	.1536	.1558	.1537	90.
100.	.1867	.1832	.1805	.1802	.1973	.1792	.1784	.1805	.1721	.1760	.1768	.1785	.1794	100.
110.	.1672	.1685	.1666	.1723	.1730	.1760	.1732	.1683	.1601	.1571	.1573	.1677	.1649	110.
120.	.1626	.1599	.1629	.1643	.1650	.1658	.1667	.1660	.1586	.1543	.1490	.1570	.1691	120.
130.	.1652	.1557	.1589	.1626	.1636	.1653	.1626	.1645	.1616	.1563	.1499	.1626	.1701	130.
150.	.1678	.1565	.1598	.1587	.1556	.1604	.1600	.1593	.1556	.1591	.1722	.1674	.1714	150.
180.	.1702	.1639	.1657	.1680	.1550	.1593	.1613	.1610	.1606	.1591	.1706	.1755	.1760	180.
210.	.1807	.1694	.1723	.1733	.1713	.1701	.1693	.1684	.1635	.1622	.1747	.1764	.1870	210.
230.	.1881	.1746	.1783	.1825	.1786	.1800	.1814	.1806	.1757	.1699	.1641	.1811	.1937	230.
240.	.1886	.1870	.1891	.1851	.1829	.1879	.1870	.1874	.1801	.1773	.1749	.1861	.1931	240.
250.	.2059	.2057	.2011	.2001	.1996	.2012	.2018	.2011	.1954	.1963	.2030	.2105	.2045	250.
260.	.2467	.2441	.2383	.2328	.2490	.2335	.2334	.2355	.2288	.2371	.2412	.2439	.2445	260.
270.	.2618	.2601	.2609	.2587	.2568	.2535	.2563	.2575	.2554	.2560	.2527	.2588	.2543	270.
280.	.0990	.0981	.0936	.0881	.1010	.0841	.0836	.0866	.0815	.0793	.0862	.0931	.0987	280.
290.	.0834	.0826	.0789	.0777	.0790	.0829	.0863	.0831	.0761	.0761	.0736	.0840	.0808	290.
300.	.0792	.0765	.0778	.0787	.0770	.0849	.0863	.0856	.0800	.0747	.0696	.0747	.0809	300.
310.	.0823	.0785	.0784	.0811	.0795	.0836	.0875	.0886	.0829	.0751	.0680	.0786	.0854	310.
330.	.0866	.0793	.0834	.0835	.0800	.0787	.0793	.0808	.0760	.0759	.0854	.0843	.0889	330.
						FOR ALPHA = 5.35 DEG								
0.	.0610	.0561	.0595	.0599	.0456	.0510	.0524	.0518	.0498	.0487	.0597	.0630	.0629	0.
30.	.0614	.0541	.0581	.0566	.0503	.0514	.0536	.0546	.0503	.0501	.0604	.0580	.0632	30.
50.	.0598	.0550	.0579	.0602	.0517	.0533	.0549	.0545	.0502	.0471	.0433	.0546	.0601	50.
60.	.0547	.0545	.0583	.0573	.0491	.0539	.0500	.0491	.0459	.0441	.0419	.0472	.0548	60.
70.	.0520	.0551	.0529	.0521	.0523	.0456	.0423	.0429	.0387	.0400	.0396	.0482	.0478	70.
80.	.0418	.0429	.0377	.0343	.0420	.0259	.0237	.0268	.0228	.0235	.0318	.0364	.0350	80.
90.	.1281	.1251	.1295	.1270	.1210	.1162	.1176	.1188	.1155	.1153	.1164	.1217	.1147	90.
100.	.2127	.2090	.2043	.2064	.2285	.2003	.2059	.2065	.1997	.2028	.2041	.2051	.2109	100.
110.	.1987	.1993	.1978	.2032	.2073	.2087	.2049	.2012	.1921	.1882	.1909	.2011	.1994	110.
120.	.1951	.1933	.1954	.1975	.1986	.2013	.2000	.2006	.1911	.1871	.1833	.1908	.2040	120.
130.	.1983	.1898	.1916	.1962	.1983	.1997	.1968	.1994	.1981	.1882	.1834	.1980	.2039	130.
150.	.2013	.1907	.1943	.1944	.1898	.1964	.1957	.1967	.1922	.1947	.2084	.2010	.2068	150.
180.	.2043	.1981	.2004	.2034	.1905	.1964	.1970	.1973	.1957	.1943	.2064	.2124	.2116	180.
210.	.2172	.2045	.2073	.2087	.2091	.2077	.2058	.2049	.1982	.1989	.2123	.2141	.2257	210.
230.	.2253	.2126	.2161	.2201	.2158	.2211	.2204	.2211	.2132	.2056	.2001	.2223	.2322	230.
240.	.2274	.2263	.2277	.2252	.2231	.2286	.2280	.2274	.2191	.2154	.2137	.2229	.2335	240.
250.	.2442	.2481	.2432	.2445	.2412	.2455	.2436	.2421	.2364	.2354	.2417	.2492	.2425	250.
260.	.2862	.2825	.2776	.2722	.2883	.2711	.2729	.2760	.2717	.2806	.2825	.2826	.2854	260.
270.	.2344	.2324	.2320	.2293	.2271	.2247	.2267	.2283	.2269	.2292	.2256	.2354	.2283	270.
280.	.0452	.0455	.0392	.0369	.0494	.0312	.0283	.0310	.0276	.0251	.0312	.0359	.0381	280.
290.	.0480	.0484	.0442	.0451	.0466	.0431	.0424	.0418	.0354	.0360	.0353	.0440	.0411	290.
300.	.0508	.0501	.0527	.0525	.0466	.0519	.0523	.0498	.0450	.0420	.0380	.0424	.0486	300.
310.	.0613	.0548	.0556	.0595	.0518	.0536	.0573	.0564	.0497	.0454	.0398	.0486	.0559	310.
330.	.0658	.0574	.0604	.0599	.0552	.0539	.0527	.0535	.0490	.0477	.0583	.0571	.0622	330.

TABLE V. - CONTINUED

(C) MACH = 1.70, BETA = 3.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 10.36 DEG								
0.	.0177	.0106		.0070	.0072	.0086	.0165	.0193	.0322	.0188	.0149	.0222	.0193	.0169
30.			-.0030	.0072	.0077	.0095	.0183	.0226	.0225	.0218	.0266	.0224	.0178	.0279
50.	.0122	.0114	.0075	.0031	.0028	.0059	.0114	.0144	.0159	.0169	.0174	.0129	.0187	.0257
60.				-.0138	-.0122	-.0054	.0074	.0115	.0106	.0136	.0078	.0049	.0153	.0141
70.		-.0357	-.0544	-.0255	-.0171	-.0278	-.0098	-.0079	-.0133	-.0114	-.0173	-.0158	-.0096	-.0037
80.			-.0766	-.0899	-.0977	-.1063	-.1058	-.1042	-.1062	-.1038	-.1072	-.1020	-.0940	-.0913
90.	.0415	.0229	.0293	-.0077	.0060	.0051	.0181	.0061	.0079	.0013	-.0069	-.0113	-.0106	-.0086
100.			.2665	.2663	.2586	.2502	.2726	.2753	.2678	.2685	.2648	.2627	.2675	.2680
110.		.2961	.2864	.2846	.2808	.2737	.2914	.2961	.2892	.2910	.2836	.2855	.2894	.2964
120.				.2856	.2848	.2797	.2934	.2966	.2939	.2941	.2907	.2831	.3003	.2988
130.	.3058	.3048	.2957	.2901	.2845	.2916	.2952	.2978	.2969	.2953	.2980	.2847	.2964	.3057
150.			.2988	.2916	.2889	.2946	.2982	.2977	.2976	.2964	.3014	.2960	.2900	.3059
180.	.3286	.3117		.2995	.2980	.3034	.3086	.3075	.1203	.3100	.3038	.3118	.3062	.3073
210.			.3045	.3079	.3050	.3052	.3110	.3113	.3096	.3077	.3243	.3169	.3109	.3233
230.	.3377	.3261	.3192	.3146	.3135	.3164	.3268	.3250	.3225	.3229	.3344	.3220	.3323	.3368
240.				.3227	.3205	.3162	.3351	.3346	.3294	.3328	.3360	.3322	.3492	.3399
250.		.3533	.3416	.3312	.3335	.3295	.3530	.3548	.3459	.3480	.3475	.3516	.3570	.3610
260.			.3637	.3549	.3499	.3473	.3709	.3753	.3688	.3649	.3692	.3700	.3754	.3703
270.	.1697	.1484	.1676	.1272	.1361	.1390	.1479	.1423	.1446	.1382	.1321	.1310	.1305	.1328
280.			-.1009	-.1166	-.1190	-.1218	-.1234	-.1291	-.1334	-.1352	-.1428	-.1455	-.1439	-.1435
290.		-.0328	-.0608	-.0689	-.0844	-.0921	-.0859	-.0673	-.0528	-.0444	-.0414	-.0408	-.0363	-.0326
300.				-.0291	-.0277	-.0198	-.0087	-.0125	-.0131	-.0093	-.0114	-.0157	-.0053	-.0066
310.	.0037	-.0240	-.0216	-.0196	-.0127	-.0071	.0013	.0009	.0016	.0033	.0045	-.0028	.0037	.0074
330.			.0019	.0003	.0026	.0014	.0048	.0075	.0064	.0093	.0173	.0115	.0095	.0189
						FOR ALPHA = 15.35 DEG								
0.	-.0255	-.0277		-.0291	-.0332	-.0327	-.0278	-.0266	-.0717	-.0272	-.0331	-.0244	-.0258	-.0294
30.			-.0583	-.0325	-.0331	-.0323	-.0282	-.0272	-.0269	-.0272	-.0193	-.0234	-.0273	-.0173
50.	-.0339	-.0281	-.0284	-.0411	-.0365	-.0238	-.0188	-.0178	-.0189	-.0205	-.0173	-.0235	-.0157	-.0109
60.				-.1307	-.1296	-.1233	-.1067	-.0968	-.0777	-.0714	-.0730	-.0708	-.0538	-.0604
70.		-.1787	-.1635	-.1702	-.1943	-.2248	-.2248	-.2290	-.2289	-.2316	-.2385	-.2355	-.2416	-.2404
80.			-.1672	-.1992	-.1967	-.2003	-.1963	-.1972	-.1969	-.1990	-.1983	-.2031	-.2116	-.2079
90.	-.0596	-.0850	-.0752	-.1196	-.1044	-.0982	-.0829	-.0925	-.0961	-.0988	-.1011	-.1128	-.1161	-.1143
100.			.3557	.3456	.3373	.3253	.3326	.3354	.3266	.3254	.3308	.3421	.3377	.3380
110.		.4087	.4009	.3980	.3979	.3883	.3888	.3883	.3848	.3897	.3817	.3952	.4081	.4051
120.				.4075	.4072	.4024	.4018	.4007	.4021	.4030	.4063	.3982	.4301	.4274
130.	.4354	.4286	.4174	.4130	.4109	.4030	.4070	.4057	.4056	.4111	.4200	.4042	.4254	.4391
150.			.4274	.4197	.4139	.4083	.4099	.4087	.4120	.4180	.4302	.4237	.4169	.4370
180.	.4564	.4431		.4300	.4293	.4232	.4273	.4280	.0398	.4379	.4319	.4395	.4340	.4364
210.			.4321	.4405	.4383	.4304	.4360	.4397	.4438	.4418	.4498	.4431	.4393	.4515
230.	.4589	.4560	.4428	.4471	.4497	.4436	.4483	.4531	.4559	.4551	.4632	.4464	.4585	.4607
240.				.4543	.4576	.4506	.4581	.4600	.4609	.4644	.4646	.4538	.4699	.4681
250.		.4720	.4618	.4646	.4671	.4571	.4701	.4726	.4683	.4722	.4690	.4677	.4681	.4784
260.			.4618	.4591	.4543	.4428	.4572	.4632	.4556	.4608	.4557	.4484	.4588	.4573
270.	.1027	.0861	.0795	.0361	.0644	.0723	.0787	.0653	.0642	.0580	.0480	.0407	.0403	.0395
280.			-.2140	-.2274	-.2300	-.2306	-.2235	-.2231	-.2239	-.2250	-.2276	-.2282	-.2303	-.2299
290.		-.1663	-.1692	-.2010	-.2326	-.2375	-.2353	-.2349	-.2286	-.2252	-.2247	-.2242	-.2157	-.2117
300.				-.1074	-.1272	-.1439	-.1686	-.1826	-.1871	-.1953	-.2000	-.1998	-.1880	-.1883
310.	-.0440	-.0711	-.1082	-.1221	-.0855	-.0587	-.0488	-.0399	-.0412	-.0493	-.0567	-.0703	-.0665	-.0706
330.			-.0436	-.0388	-.0392	-.0397	-.0413	-.0426	-.0422	-.0404	-.0304	-.0321	-.0323	-.0215
						FOR ALPHA = 20.35 DEG								
0.	-.0717	-.0616		-.0650	-.0700	-.0657	-.0602	-.0566	-.1469	-.0632	-.0673	-.0608	-.0600	-.0640
30.			-.0723	-.0689	-.0757	-.0704	-.0616	-.0615	-.0691	-.0727	-.0628	-.0662	-.0718	-.0680
50.	-.0897	-.1007	-.1594	-.1217	-.1323	-.1074	-.0867	-.0974	-.1025	-.1021	-.1002	-.1090	-.1099	-.1048
60.				-.2857	-.2965	-.3042	-.2991	-.2962	-.2900	-.2861	-.2953	-.3011	-.2956	-.2942
70.		-.2764	-.2417	-.2899	-.3031	-.3081	-.3112	-.3151	-.3084	-.3016	-.2973	-.2954	-.2943	-.2892
80.			-.2687	-.2715	-.2663	-.2601	-.2627	-.2621	-.2618	-.2638	-.2682	-.2717	-.2731	-.2729
90.	-.1269	-.1431	-.1396	-.1776	-.1690	-.1623	-.1561	-.1593	-.1620	-.1630	-.1694	-.1715	-.1721	-.1703
100.			.4313	.4200	.4056	.3919	.4143	.4107	.3946	.4016	.3978	.4058	.4133	.4120
110.		.5238	.5024	.5067	.5000	.4897	.5109	.5102	.5014	.5081	.4990	.5072	.5183	.5217
120.				.5314	.5286	.5166	.5291	.5357	.5369	.5374	.5332	.5289	.5578	.5506
130.	.5653	.5631	.5382	.5436	.5363	.5284	.5403	.5492	.5492	.5531	.5519	.5409	.5602	.5654
150.			.5548	.5563	.5464	.5390	.5475	.5555	.5636	.5654	.5653	.5589	.5598	.5780
180.	.5975	.5862		.5709	.5638	.5608	.5718	.5718	-.0239	.5801	.5728	.5796	.5739	.5838
210.			.5712	.5793	.5779	.5677	.5787	.5773	.5802	.5800	.5860	.5803	.5817	.5910
230.	.5962	.6003	.5832	.5875	.5867	.5823	.5903	.5886	.5897	.5934	.5953	.5806	.6045	.6020
240.				.5884	.5901	.5823	.5968	.5918	.5943	.5961	.5944	.5845	.6154	.6041
250.		.6026	.5933	.5903	.5917	.5811	.5973	.5989	.5932	.5961	.5844	.5895	.5990	.6051
260.			.5571	.5521	.5453	.5272	.5424	.5516	.5412	.5385	.5349	.5395	.5461	.5413
270.	.0365	-.0016	.0182	-.0345	-.0127	-.0026	.0064	-.0032	-.0087	-.0128	-.0224	-.0284	-.0304	-.0308
280.			-.2670	-.2839	-.2837	-.2806	-.2759	-.2748	-.2735	-.2720	-.2760	-.2773	-.2768	-.2755
290.		-.2659	-.2564	-.2882	-.2928	-.2917	-.2913	-.2910	-.2871	-.2842	-.2878	-.2838	-.2802	-.2785
300.				-.2741	-.2968	-.3216	-.3281	-.3365	-.3406	-.3408	-.3458	-.3481	-.3419	-.3400
310.	-.1906	-.3066	-.2239	-.2857	-.2964	-.2986	-.3246	-.3348	-.3398	-.3341	-.3388	-.3457	-.3363	-.3328
330.			-.1609	-.1007	-.0843	-.0705	-.0588	-.0590	-.0656	-.0656	-.0564	-.0616	-.0677	-.0592

TABLE V. - CONTINUED

(C) MACH = 1.70, BETA = 3.01 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.36 DEG								
0.	.0180	.0121	.0142	.0156	-.0008	.0045	.0056	.0044	.0026	.0027	.0142	.0179	.0181	0.
30.	.0218	.0157	.0187	.0185	.0092	.0113	.0121	.0123	.0046	.0099	.0219	.0213	.0264	30.
50.	.0165	.0129	.0129	.0163	.0005	.0050	.0079	.0085	.0045	-.0001	-.0018	.0106	.0205	50.
60.	.0028	.0036	.0077	.0007	-.0116	-.0050	-.0029	-.0046	-.0056	-.0081	-.0052	.0004	.0068	60.
70.	-.0157	-.0089	-.0152	-.0146	-.0142	-.0203	-.0204	-.0206	-.0236	-.0216	-.0211	-.0147	-.0156	70.
80.	-.0834	-.0835	-.0840	-.0877	-.0740	-.0892	-.0872	-.0863	-.0874	-.0968	-.0905	-.0885	-.0864	80.
90.	-.0037	-.0118	-.0179	-.0223	-.0247	-.0348	-.0329	-.0306	-.0335	-.0299	-.0357	-.0341	-.0262	90.
100.	.2716	.2798	.2708	.2532	.2746	.2584	.2624	.2589	.2579	.2601	.2638	.2629	.2648	100.
110.	.2848	.2897	.2961	.2935	.2853	.2928	.2889	.2870	.2816	.2768	.2779	.2890	.2932	110.
120.	.2922	.2878	.2960	.2980	.2962	.2923	.2917	.2917	.2864	.2814	.2779	.2875	.3016	120.
130.	.2982	.2853	.2888	.3024	.2996	.3009	.2949	.2948	.2926	.2837	.2823	.2984	.3043	130.
150.	.3041	.2903	.2954	.2998	.2997	.2999	.3029	.2973	.2878	.2919	.3105	.3021	.3121	150.
180.	.3077	.3017	.3025	.3030	.2962	.3029	.3004	.2993	.2977	.2967	.3128	.3185	.3169	180.
210.	.3243	.3125	.3117	.3075	.3098	.3087	.3078	.3033	.3019	.3087	.3287	.3176	.3251	210.
230.	.3318	.3168	.3231	.3235	.3222	.3238	.3196	.3193	.3159	.3247	.3129	.3245	.3319	230.
240.	.3349	.3327	.3344	.3280	.3327	.3351	.3304	.3243	.3277	.3306	.3222	.3247	.3385	240.
250.	.3501	.3522	.3446	.3432	.3424	.3549	.3469	.3462	.3433	.3440	.3412	.3540	.3482	250.
260.	.3769	.3707	.3623	.3484	.3738	.3606	.3677	.3697	.3593	.3651	.3685	.3762	.3699	260.
270.	.1298	.1266	.1228	.1161	.1137	.1114	.1159	.1163	.1113	.1127	.1132	.1098	.1132	270.
280.	-.1407	-.1429	-.1454	-.1521	-.1475	-.1593	-.1598	-.1602	-.1622	-.1629	-.1608	-.1571	-.1531	280.
290.	-.0361	-.0347	-.0405	-.0460	-.0471	-.0530	-.0536	-.0549	-.0594	-.0573	-.0586	-.0532	-.0521	290.
300.	-.0141	-.0154	-.0133	-.0160	-.0248	-.0234	-.0248	-.0258	-.0281	-.0286	-.0315	-.0268	-.0200	300.
310.	.0035	-.0030	-.0030	-.0010	-.0106	-.0114	-.0102	-.0116	-.0149	-.0164	-.0202	-.0103	-.0019	310.
330.	.0134	.0042	.0052	.0050	-.0016	-.0025	-.0032	-.0042	-.0071	-.0075	.0034	.0033	.0085	330.
						FOR ALPHA = 15.35 DEG								
0.	-.0261	-.0305	-.0289	-.0289	-.0446	-.0400	-.0391	-.0393	-.0361	-.0367	-.0261	-.0208	-.0188	0.
30.	-.0219	-.0312	-.0297	-.0293	-.0380	-.0373	-.0364	-.0356	-.0383	-.0333	-.0232	-.0240	-.0199	30.
50.	-.0199	-.0263	-.0286	-.0259	-.0319	-.0295	-.0281	-.0241	-.0252	-.0313	-.0372	-.0270	-.0212	50.
60.	-.0630	-.0568	-.0574	-.0530	-.0585	-.0548	-.0477	-.0367	-.0445	-.0458	-.0441	-.0394	-.0382	60.
70.	-.2469	-.2432	-.2435	-.2496	-.2533	-.2613	-.2566	-.2701	-.2622	-.2619	-.2738	-.2650	-.2553	70.
80.	-.2005	-.2036	-.2006	-.2033	-.1915	-.2039	-.1984	-.2042	-.2088	-.2060	-.2062	-.2041	-.1986	80.
90.	-.1151	-.1181	-.1207	-.1239	-.1255	-.1375	-.1403	-.1434	-.1423	-.1402	-.1418	-.1391	-.1361	90.
100.	.3360	.3325	.3209	.3142	.3375	.3202	.3309	.3180	.3160	.3254	.3287	.3270	.3389	100.
110.	.3901	.3890	.3842	.3835	.3852	.3938	.3911	.3937	.3894	.3754	.3738	.3964	.3962	110.
120.	.4109	.4029	.3996	.4001	.4027	.4043	.4035	.4063	.4017	.4009	.3910	.3965	.4143	120.
130.	.4238	.4051	.4043	.4061	.4096	.4139	.4109	.4136	.4124	.4050	.4065	.4165	.4132	130.
150.	.4388	.4186	.4181	.4126	.4133	.4193	.4202	.4168	.4114	.4174	.4373	.4256	.4306	150.
180.	.4318	.4270	.4273	.4263	.4175	.4264	.4236	.4264	.4261	.4261	.4421	.4452	.4399	180.
210.	.4462	.4293	.4305	.4345	.4357	.4354	.4419	.4427	.4330	.4372	.4591	.4508	.4512	210.
230.	.4553	.4342	.4396	.4444	.4489	.4554	.4581	.4552	.4497	.4464	.4416	.4566	.4642	230.
240.	.4554	.4481	.4515	.4503	.4557	.4648	.4646	.4593	.4566	.4489	.4424	.4562	.4718	240.
250.	.4616	.4642	.4578	.4576	.4630	.4805	.4729	.4734	.4610	.4558	.4567	.4704	.4700	250.
260.	.4557	.4509	.4453	.4368	.4645	.4549	.4625	.4469	.4424	.4500	.4502	.4531	.4640	260.
270.	.0405	.0364	.0338	.0277	.0271	.0235	.0204	.0140	.0126	.0182	.0176	.0218	.0243	270.
280.	-.2295	-.2350	-.2365	-.2407	-.2389	-.2485	-.2464	-.2509	-.2562	-.2551	-.2579	-.2576	-.2573	280.
290.	-.2114	-.2120	-.2111	-.2082	-.2095	-.2120	-.2096	-.2084	-.2146	-.2184	-.2181	-.2117	-.2098	290.
300.	-.1926	-.1941	-.1904	-.1931	-.1987	-.1986	-.1954	-.1950	-.2001	-.1987	-.2038	-.1977	-.1906	300.
310.	-.0864	-.0947	-.0997	-.1053	-.1196	-.1164	-.1171	-.1166	-.1205	-.1258	-.1241	-.1203	-.1146	310.
330.	-.0248	-.0359	-.0325	-.0310	-.0369	-.0382	-.0369	-.0346	-.0348	-.0320	-.0235	-.0191	-.0171	330.
						FOR ALPHA = 20.35 DEG								
0.	-.0661	-.0689	-.0658	-.0644	-.0795	-.0756	-.0738	-.0760	-.0753	-.0767	-.0687	-.0629	-.0587	0.
30.	-.0720	-.0780	-.0738	-.0723	-.0797	-.0805	-.0777	-.0767	-.0785	-.0769	-.0681	-.0680	-.0652	30.
50.	-.1053	-.1110	-.1180	-.1181	-.1264	-.1157	-.1179	-.1164	-.1155	-.1172	-.1169	-.1050	-.1021	50.
60.	-.2973	-.3013	-.3022	-.3074	-.3101	-.3129	-.3153	-.3164	-.3182	-.3207	-.3208	-.3177	-.3155	60.
70.	-.2879	-.2887	-.2955	-.3002	-.2987	-.3022	-.2967	-.2986	-.2994	-.3026	-.3080	-.3039	-.3028	70.
80.	-.2611	-.2715	-.2696	-.2726	-.2669	-.2768	-.2740	-.2726	-.2717	-.2714	-.2693	-.2720	-.2660	80.
90.	-.1728	-.1763	-.1797	-.1795	-.1793	-.1938	-.1925	-.1920	-.1929	-.1917	-.1942	-.1939	-.1994	90.
100.	.4042	.4047	.3874	.3738	.4144	.3962	.3972	.3905	.3999	.3971	.4016	.4006	.4129	100.
110.	.4991	.4954	.4988	.4971	.4882	.5076	.5051	.5044	.5009	.4923	.4956	.5153	.5058	110.
120.	.5342	.5213	.5231	.5320	.5262	.5204	.5330	.5353	.5301	.5246	.5213	.5320	.5403	120.
130.	.5522	.5275	.5336	.5416	.5453	.5378	.5401	.5507	.5484	.5385	.5376	.5506	.5487	130.
150.	.5674	.5481	.5489	.5503	.5505	.5554	.5540	.5558	.5554	.5574	.5751	.5615	.5645	150.
180.	.5699	.5633	.5617	.5634	.5573	.5670	.5670	.5669	.5641	.5654	.5833	.5877	.5783	180.
210.	.5878	.5706	.5780	.5816	.5815	.5762	.5790	.5787	.5745	.5737	.5950	.5882	.5953	210.
230.	.5889	.5696	.5893	.5992	.5915	.5858	.5866	.5903	.5865	.5785	.5759	.5987	.6017	230.
240.	.5851	.5843	.5999	.6021	.5937	.5930	.5886	.5884	.5894	.5794	.5789	.5983	.6049	240.
250.	.5777	.5912	.5932	.5925	.5905	.5966	.5850	.5912	.5812	.5815	.5858	.6009	.5823	250.
260.	.5429	.5472	.5324	.5258	.5505	.5338	.5338	.5293	.5291	.5398	.5378	.5270	.5499	260.
270.	-.0258	-.0284	-.0339	-.0411	-.0442	-.0554	-.0559	-.0553	-.0575	-.0568	-.0606	-.0535	-.0514	270.
280.	-.2674	-.2717	-.2755	-.2804	-.2758	-.2852	-.2850	-.2863	-.2881	-.2839	-.2879	-.2864	-.2851	280.
290.	-.2822	-.2813	-.2808	-.2846	-.2879	-.2852	-.2862	-.2887	-.2898	-.2918	-.2897	-.2837	-.2883	290.
300.	-.3464	-.3440	-.3404	-.3398	-.3377	-.3447	-.3488	-.3489	-.3477	-.3494	-.3489	-.3465	-.3411	300.
310.	-.3355	-.3231	-.3408	-.3421	-.3376	-.3382	-.3421	-.3424	-.3440	-.3462	-.3495	-.3440	-.3425	310.
330.	-.0636	-.0705	-.0647	-.0628	-.0690	-.0670	-.0723	-.0724	-.0738	-.0722	-.0643	-.0626	-.0591	330.

TABLE V. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.65 DEG								
0.	.2090	.1955		.1905	.1911	.1944	.1995	.2000	.2098	.2045	.1966	.2040	.2013	.1986
30.			.1600	.1833	.1815	.1886	.1912	.1919	.1920	.1930	.1971	.1901	.1852	.1956
50.	.1888	.1842	.1633	.1800	.1775	.1870	.1914	.1922	.1919	.1891	.1919	.1809	.1915	.1970
60.				.1768	.1751	.1729	.1901	.1905	.1881	.1852	.1843	.1800	.1954	.1907
70.		.1846	.1831	.1772	.1764	.1724	.1925	.1928	.1853	.1852	.1811	.1853	.1885	.1918
80.			.1776	.1747	.1722	.1683	.1919	.1887	.1831	.1838	.1827	.1813	.1846	.1828
90.	.1158	.1055	.1114	.0930	.0963	.0999	.1074	.1063	.1078	.1046	.1007	.0991	.1024	.1025
100.			.0348	.0352	.0321	.0306	.0433	.0475	.0462	.0456	.0386	.0363	.0440	.0451
110.		.0714	.0467	.0461	.0465	.0470	.0562	.0596	.0567	.0533	.0481	.0484	.0569	.0613
120.				.0544	.0507	.0512	.0587	.0608	.0599	.0591	.0535	.0491	.0623	.0608
130.	.0670	.0656	.0447	.0590	.0517	.0557	.0596	.0611	.0620	.0601	.0599	.0494	.0578	.0630
150.			.0425	.0602	.0524	.0509	.0557	.0583	.0590	.0592	.0606	.0550	.0504	.0579
180.	.0684	.0618		.0551	.0535	.0516	.0560	.0584	.1791	.0628	.0552	.0603	.0578	.0547
210.			.0376	.0495	.0521	.0505	.0547	.0554	.0571	.0570	.0625	.0561	.0531	.0588
230.	.0603	.0573	.0473	.0401	.0433	.0480	.0522	.0527	.0531	.0536	.0541	.0494	.0525	.0537
240.				.0340	.0340	.0366	.0471	.0467	.0442	.0483	.0458	.0411	.0491	.0506
250.		.0518	.0383	.0252	.0259	.0262	.0371	.0402	.0403	.0369	.0327	.0324	.0401	.0490
260.			.0453	.0392	.0344	.0326	.0482	.0449	.0457	.0516	.0449	.0415	.0491	.0510
270.	.2865	.2758	.2810	.2720	.2705	.2741	.2769	.2771	.2811	.2769	.2740	.2729	.2758	.2797
280.			.2779	.2802	.2732	.2697	.2888	.2876	.2882	.2972	.2950	.2891	.2928	.2931
290.		.2454	.2344	.2298	.2334	.2326	.2437	.2468	.2439	.2450	.2465	.2443	.2486	.2551
300.				.2137	.2169	.2149	.2257	.2266	.2228	.2274	.2308	.2256	.2379	.2331
310.	.2244	.2140	.2153	.2079	.2101	.2104	.2153	.2171	.2188	.2174	.2236	.2178	.2249	.2276
330.			.2024	.1990	.2024	.1984	.2050	.2049	.2065	.2034	.2140	.2082	.2060	.2170
						FOR ALPHA = -2.65 DEG								
0.	.1742	.1638		.1587	.1582	.1619	.1673	.1673	.2311	.1692	.1630	.1706	.1678	.1651
30.			.1277	.1556	.1487	.1556	.1589	.1612	.1632	.1625	.1654	.1586	.1519	.1627
50.	.1593	.1598	.1311	.1524	.1475	.1553	.1600	.1630	.1636	.1606	.1621	.1521	.1587	.1643
60.				.1507	.1479	.1420	.1612	.1627	.1608	.1572	.1563	.1513	.1636	.1592
70.		.1608	.1504	.1495	.1483	.1442	.1654	.1672	.1592	.1586	.1550	.1568	.1593	.1617
80.			.1575	.1520	.1496	.1452	.1717	.1692	.1627	.1653	.1634	.1592	.1634	.1632
90.	.1409	.1326	.1314	.1260	.1258	.1290	.1397	.1381	.1403	.1390	.1352	.1370	.1356	.1390
100.			.0779	.0723	.0684	.0668	.0784	.0798	.0815	.0863	.0809	.0769	.0795	.0857
110.		.0920	.0781	.0746	.0717	.0707	.0791	.0828	.0818	.0828	.0805	.0772	.0828	.0870
120.				.0780	.0738	.0708	.0782	.0803	.0807	.0841	.0830	.0766	.0872	.0849
130.	.0876	.0861	.0662	.0792	.0752	.0747	.0772	.0805	.0821	.0827	.0872	.0779	.0830	.0855
150.			.0616	.0803	.0767	.0703	.0743	.0768	.0793	.0794	.0860	.0831	.0758	.0831
180.	.0916	.0856		.0783	.0785	.0753	.0781	.0788	.2124	.0843	.0794	.0868	.0837	.0794
210.			.0761	.0755	.0792	.0783	.0795	.0802	.0810	.0777	.0859	.0840	.0822	.0858
230.	.0900	.0849	.0778	.0700	.0749	.0790	.0810	.0827	.0802	.0795	.0785	.0752	.0810	.0817
240.				.0675	.0710	.0702	.0805	.0821	.0785	.0802	.0762	.0725	.0818	.0828
250.		.0911	.0801	.0675	.0685	.0685	.0798	.0857	.0838	.0798	.0768	.0740	.0802	.0875
260.			.0966	.0935	.0940	.0886	.1052	.1061	.1070	.1143	.1065	.0996	.1096	.1131
270.	.3059	.2993	.3021	.2983	.2949	.2984	.2975	.2995	.3031	.3015	.2976	.2975	.3018	.3060
280.			.2362	.2337	.2327	.2343	.2484	.2472	.2511	.2562	.2517	.2462	.2511	.2539
290.		.2038	.1956	.1899	.1909	.1909	.2036	.2050	.2052	.2042	.2027	.2028	.2067	.2139
300.				.1741	.1772	.1786	.1880	.1895	.1874	.1913	.1859	.1824	.1970	.1935
310.	.1872	.1782	.1802	.1693	.1733	.1723	.1807	.1855	.1862	.1814	.1845	.1784	.1862	.1917
330.			.1697	.1641	.1687	.1645	.1716	.1739	.1728	.1707	.1770	.1720	.1715	.1824
						FOR ALPHA = -1.65 DEG								
0.	.1591	.1491		.1417	.1401	.1446	.1498	.1489	.2330	.1536	.1465	.1522	.1473	.1441
30.			.1131	.1436	.1344	.1401	.1426	.1443	.1441	.1433	.1502	.1421	.1344	.1439
50.	.1499	.1510	.1204	.1402	.1335	.1405	.1459	.1467	.1460	.1420	.1477	.1362	.1424	.1467
60.				.1380	.1333	.1281	.1469	.1472	.1443	.1398	.1422	.1355	.1480	.1426
70.		.1516	.1419	.1369	.1341	.1302	.1514	.1526	.1446	.1428	.1421	.1421	.1440	.1455
80.			.1454	.1414	.1387	.1335	.1590	.1561	.1509	.1521	.1504	.1461	.1490	.1482
90.	.1512	.1430	.1418	.1365	.1360	.1404	.1489	.1481	.1496	.1468	.1454	.1476	.1467	.1494
100.			.0909	.0902	.0838	.0829	.0966	.0964	.0975	.0999	.0963	.0960	.0996	.1042
110.		.1032	.0927	.0877	.0851	.0823	.0925	.0947	.0931	.0944	.0923	.0930	.0978	.1006
120.				.0894	.0865	.0814	.0904	.0909	.0909	.0948	.0932	.0905	.1019	.0993
130.	.1014	.0980	.0769	.0912	.0877	.0865	.0887	.0904	.0924	.0938	.0968	.0902	.0976	.1009
150.			.0729	.0928	.0872	.0835	.0854	.0869	.0895	.0905	.0970	.0939	.0901	.0983
180.	.1050	.0975		.0914	.0912	.0892	.0918	.0912	.2255	.0965	.0911	.0986	.0971	.0942
210.			.0928	.0890	.0923	.0922	.0954	.0928	.0952	.0921	.0987	.0956	.0967	.1018
230.	.1043	.1001	.0946	.0853	.0890	.0954	.0992	.0995	.0992	.0977	.0959	.0918	.0977	.0993
240.				.0843	.0868	.0901	.0993	.0999	.0988	.1003	.0944	.0905	.1005	.1004
250.		.1102	.1025	.0894	.0886	.0905	.1011	.1074	.1071	.1030	.1001	.0972	.1027	.1105
260.			.1239	.1206	.1224	.1176	.1312	.1339	.1374	.1424	.1363	.1275	.1373	.1419
270.	.3103	.3044	.3084	.3012	.2984	.3020	.3031	.3067	.3088	.3057	.3053	.3043	.3058	.3101
280.			.2115	.2058	.2056	.2044	.2262	.2247	.2241	.2276	.2272	.2210	.2266	.2262
290.		.1804	.1719	.1662	.1648	.1658	.1810	.1843	.1796	.1767	.1786	.1765	.1824	.1862
300.				.1515	.1534	.1550	.1694	.1683	.1637	.1647	.1657	.1625	.1725	.1674
310.	.1670	.1568	.1558	.1472	.1501	.1563	.1617	.1643	.1613	.1568	.1631	.1591	.1632	.1660
330.			.1498	.1424	.1467	.1471	.1536	.1533	.1502	.1464	.1588	.1525	.1501	.1576

TABLE V. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.65 DEG								
0.	.1966	.1890	.1911	.1911	.1798	.1874	.1876	.1892	.1912	.1925	.2050	.2101	.2091	0.
30.	.1933	.1805	.1820	.1793	.1736	.1782	.1823	.1842	.1818	.1868	.1982	.1911	.1967	30.
50.	.1869	.1775	.1771	.1802	.1758	.1790	.1810	.1836	.1819	.1771	.1725	.1856	.1901	50.
60.	.1810	.1771	.1793	.1778	.1751	.1791	.1790	.1791	.1772	.1750	.1698	.1757	.1871	60.
70.	.1797	.1804	.1794	.1767	.1804	.1797	.1764	.1788	.1746	.1725	.1722	.1804	.1793	70.
80.	.1861	.1820	.1772	.1699	.1850	.1676	.1750	.1761	.1714	.1757	.1797	.1847	.1834	80.
90.	.1016	.0972	.0972	.0913	.0909	.0853	.0888	.0874	.0823	.0930	.0897	.0916	.0866	90.
100.	.0425	.0370	.0324	.0264	.0382	.0205	.0219	.0329	.0200	.0187	.0302	.0322	.0317	100.
110.	.0511	.0456	.0452	.0454	.0451	.0421	.0431	.0452	.0410	.0387	.0341	.0432	.0431	110.
120.	.0534	.0491	.0505	.0501	.0443	.0471	.0487	.0485	.0435	.0418	.0411	.0425	.0471	120.
130.	.0562	.0507	.0512	.0532	.0467	.0488	.0507	.0503	.0477	.0412	.0390	.0509	.0553	130.
150.	.0556	.0493	.0531	.0531	.0459	.0446	.0483	.0482	.0425	.0434	.0542	.0512	.0564	150.
180.	.0542	.0498	.0537	.0544	.0405	.0470	.0468	.0468	.0459	.0462	.0574	.0615	.0645	180.
210.	.0570	.0524	.0554	.0555	.0505	.0486	.0469	.0469	.0418	.0466	.0629	.0681	.0691	210.
230.	.0530	.0476	.0490	.0552	.0489	.0503	.0523	.0500	.0450	.0454	.0469	.0520	.0573	230.
240.	.0431	.0409	.0458	.0436	.0400	.0485	.0486	.0478	.0424	.0486	.0431	.0428	.0472	240.
250.	.0446	.0432	.0389	.0364	.0361	.0328	.0360	.0389	.0402	.0413	.0409	.0475	.0454	250.
260.	.0516	.0536	.0474	.0411	.0486	.0331	.0320	.0358	.0327	.0275	.0345	.0394	.0480	260.
270.	.2805	.2785	.2759	.2721	.2736	.2718	.2725	.2738	.2762	.2712	.2721	.2774	.2687	270.
280.	.2963	.2959	.2907	.2811	.2997	.2859	.2901	.2941	.2884	.2886	.2901	.2951	.2989	280.
290.	.2456	.2478	.2440	.2449	.2416	.2457	.2482	.2501	.2432	.2472	.2461	.2530	.2494	290.
300.	.2250	.2227	.2254	.2242	.2218	.2253	.2255	.2279	.2242	.2207	.2191	.2266	.2344	300.
310.	.2220	.2097	.2098	.2148	.2123	.2159	.2168	.2198	.2142	.2137	.2077	.2206	.2321	310.
330.	.2125	.1984	.1989	.2003	.2006	.2007	.2002	.2034	.2000	.2005	.2158	.2155	.2213	330.
						FOR ALPHA = -2.65 DEG								
0.	.1629	.1548	.1576	.1593	.1475	.1549	.1548	.1588	.1591	.1583	.1707	.1764	.1778	0.
30.	.1605	.1480	.1499	.1490	.1447	.1474	.1526	.1561	.1515	.1547	.1664	.1613	.1670	30.
50.	.1559	.1471	.1464	.1497	.1474	.1514	.1538	.1579	.1538	.1455	.1413	.1552	.1611	50.
60.	.1513	.1484	.1498	.1508	.1464	.1513	.1532	.1533	.1504	.1442	.1395	.1467	.1606	60.
70.	.1516	.1534	.1524	.1523	.1552	.1545	.1509	.1539	.1481	.1438	.1430	.1530	.1538	70.
80.	.1634	.1602	.1567	.1507	.1660	.1500	.1555	.1573	.1523	.1530	.1558	.1638	.1621	80.
90.	.1376	.1351	.1352	.1275	.1295	.1259	.1279	.1291	.1209	.1256	.1274	.1299	.1254	90.
100.	.0821	.0784	.0729	.0655	.0803	.0607	.0627	.0689	.0600	.0571	.0676	.0728	.0722	100.
110.	.0814	.0770	.0713	.0714	.0713	.0707	.0676	.0671	.0664	.0695	.0623	.0685	.0706	110.
120.	.0771	.0774	.0736	.0712	.0662	.0716	.0705	.0688	.0678	.0666	.0641	.0674	.0729	120.
130.	.0805	.0737	.0740	.0738	.0673	.0718	.0707	.0716	.0700	.0658	.0619	.0717	.0799	130.
150.	.0792	.0709	.0738	.0748	.0685	.0672	.0680	.0688	.0652	.0683	.0787	.0748	.0792	150.
180.	.0772	.0717	.0756	.0780	.0649	.0690	.0677	.0679	.0700	.0704	.0823	.0858	.0856	180.
210.	.0803	.0755	.0794	.0801	.0764	.0755	.0734	.0740	.0709	.0727	.0839	.0863	.0980	210.
230.	.0801	.0752	.0741	.0775	.0766	.0794	.0829	.0823	.0767	.0763	.0692	.0846	.0903	230.
240.	.0775	.0758	.0756	.0740	.0717	.0796	.0800	.0807	.0778	.0798	.0778	.0798	.0835	240.
250.	.0862	.0851	.0614	.0800	.0796	.0770	.0789	.0798	.0746	.0828	.0863	.0930	.0887	250.
260.	.1117	.1100	.1051	.1005	.1123	.0980	.0967	.0985	.0897	.0980	.1013	.1045	.1100	260.
270.	.3062	.3048	.3036	.2992	.2986	.3014	.3028	.3051	.3013	.2985	.2992	.3060	.2964	270.
280.	.2530	.2547	.2512	.2424	.2584	.2455	.2491	.2545	.2498	.2501	.2504	.2530	.2598	280.
290.	.2041	.2026	.2003	.2029	.2049	.2046	.2062	.2096	.2050	.2075	.2057	.2121	.2081	290.
300.	.1840	.1837	.1849	.1869	.1842	.1920	.1907	.1906	.1870	.1842	.1788	.1872	.1950	300.
310.	.1847	.1748	.1736	.1804	.1747	.1786	.1829	.1833	.1797	.1761	.1687	.1834	.1948	310.
330.	.1745	.1616	.1651	.1659	.1648	.1650	.1663	.1714	.1639	.1649	.1794	.1797	.1868	330.
						FOR ALPHA = -1.65 DEG								
0.	.1455	.1373	.1389	.1396	.1307	.1369	.1378	.1390	.1414	.1397	.1514	.1563	.1549	0.
30.	.1453	.1314	.1342	.1326	.1291	.1328	.1371	.1388	.1361	.1383	.1495	.1429	.1460	30.
50.	.1419	.1321	.1317	.1342	.1334	.1362	.1381	.1409	.1338	.1293	.1257	.1382	.1421	50.
60.	.1367	.1332	.1343	.1349	.1335	.1377	.1385	.1364	.1300	.1283	.1240	.1318	.1435	60.
70.	.1386	.1375	.1370	.1364	.1392	.1409	.1368	.1379	.1301	.1278	.1268	.1392	.1382	70.
80.	.1524	.1478	.1431	.1375	.1515	.1377	.1425	.1451	.1363	.1405	.1426	.1500	.1467	80.
90.	.1466	.1465	.1469	.1387	.1398	.1378	.1405	.1410	.1331	.1361	.1386	.1408	.1361	90.
100.	.0993	.0935	.0918	.0835	.0989	.0792	.0796	.0865	.0796	.0728	.0859	.0903	.0896	100.
110.	.0948	.0892	.0868	.0855	.0843	.0835	.0818	.0809	.0769	.0821	.0776	.0822	.0843	110.
120.	.0888	.0892	.0881	.0845	.0773	.0807	.0836	.0821	.0774	.0780	.0767	.0818	.0864	120.
130.	.0921	.0842	.0876	.0857	.0786	.0808	.0835	.0844	.0801	.0771	.0748	.0851	.0919	130.
150.	.0926	.0820	.0858	.0865	.0803	.0793	.0809	.0807	.0756	.0791	.0924	.0876	.0920	150.
180.	.0914	.0840	.0878	.0913	.0777	.0825	.0817	.0796	.0798	.0805	.0929	.0977	.0982	180.
210.	.0960	.0884	.0931	.0935	.0900	.0883	.0869	.0865	.0812	.0849	.0956	.0971	.1066	210.
230.	.0988	.0911	.0919	.0956	.0927	.0962	.0972	.0959	.0911	.0900	.0828	.0950	.1058	230.
240.	.0955	.0939	.0936	.0927	.0904	.0985	.0983	.0974	.0944	.0951	.0909	.0976	.1018	240.
250.	.1054	.1069	.1003	.1005	.1009	.1004	.1024	.1039	.0975	.1002	.1029	.1141	.1098	250.
260.	.1405	.1389	.1324	.1278	.1415	.1286	.1285	.1291	.1226	.1225	.1317	.1352	.1403	260.
270.	.3109	.3109	.3099	.3050	.3039	.3089	.3103	.3115	.3067	.3030	.3054	.3095	.3023	270.
280.	.2309	.2280	.2259	.2166	.2313	.2198	.2232	.2263	.2197	.2240	.2218	.2250	.2316	280.
290.	.1819	.1794	.1759	.1770	.1783	.1829	.1811	.1812	.1771	.1821	.1816	.1882	.1831	290.
300.	.1613	.1599	.1615	.1617	.1651	.1726	.1694	.1670	.1626	.1604	.1575	.1633	.1684	300.
310.	.1625	.1517	.1525	.1573	.1550	.1593	.1623	.1609	.1547	.1546	.1475	.1601	.1700	310.
330.	.1548	.1437	.1448	.1440	.1455	.1454	.1474	.1477	.1457	.1445	.1577	.1569	.1641	330.

TABLE V. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONTINUED

THETA, DEG	.0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							CP AT X/L =							
							FOR ALPHA = -.65 DEG							
0.	.1446	.1370		.1314	.1307	.1322	.1378	.1389	.2419	.1387	.1337	.1413	.1384	.1363
30.			.1000	.1289	.1202	.1264	.1290	.1319	.1322	.1330	.1365	.1285	.1230	.1335
50.	.1360	.1374	.1113	.1262	.1204	.1275	.1326	.1353	.1362	.1314	.1340	.1230	.1299	.1344
60.				.1232	.1199	.1176	.1350	.1353	.1331	.1300	.1288	.1229	.1347	.1312
70.		.1373	.1315	.1226	.1230	.1206	.1394	.1399	.1324	.1318	.1276	.1277	.1316	.1347
80.			.1292	.1287	.1269	.1238	.1471	.1448	.1400	.1421	.1375	.1341	.1376	.1379
90.	.1557	.1474	.1464	.1433	.1419	.1469	.1541	.1532	.1566	.1538	.1501	.1535	.1536	.1565
100.			.1079	.1055	.1002	.1002	.1135	.1106	.1113	.1120	.1079	.1093	.1162	.1206
110.		.1155	.1051	.0996	.0988	.0962	.1063	.1081	.1052	.1057	.1028	.1062	.1125	.1166
120.				.1008	.0992	.0946	.1034	.1039	.1026	.1062	.1042	.1008	.1155	.1124
130.	.1144	.1101	.0907	.1022	.1014	.0994	.1021	.1025	.1027	.1046	.1082	.0999	.1111	.1151
150.			.0866	.1030	.1021	.0961	.0992	.1001	.1003	.1022	.1088	.1046	.1013	.1135
180.	.1198	.1108		.1039	.1047	.1034	.1065	.1058	.2340	.1092	.1039	.1112	.1096	.1083
210.			.1077	.1055	.1074	.1067	.1103	.1096	.1102	.1086	.1146	.1085	.1098	.1171
230.	.1213	.1162	.1130	.1044	.1059	.1102	.1159	.1153	.1145	.1150	.1133	.1081	.1139	.1160
240.				.1054	.1067	.1078	.1168	.1165	.1158	.1180	.1134	.1091	.1184	.1178
250.		.1311	.1232	.1121	.1109	.1128	.1217	.1279	.1287	.1254	.1218	.1198	.1250	.1319
260.			.1501	.1472	.1480	.1445	.1575	.1590	.1626	.1689	.1633	.1553	.1662	.1683
270.	.3163	.3097	.3132	.3138	.3117	.3154	.3096	.3157	.3193	.3171	.3096	.3120	.3168	.3231
280.			.1917	.1912	.1950	.1964	.2098	.2087	.2119	.2182	.2061	.2031	.2126	.2149
290.		.1652	.1599	.1519	.1552	.1596	.1664	.1695	.1691	.1698	.1607	.1610	.1703	.1759
300.				.1416	.1448	.1499	.1550	.1562	.1530	.1590	.1503	.1474	.1616	.1587
310.	.1497	.1443	.1457	.1391	.1425	.1413	.1496	.1533	.1547	.1538	.1502	.1460	.1524	.1580
330.			.1391	.1371	.1417	.1356	.1422	.1444	.1450	.1446	.1472	.1435	.1421	.1519
							FOR ALPHA = .35 DEG							
0.	.1279	.1192		.1126	.1098	.1162	.1207	.1210	.2339	.1230	.1172	.1229	.1194	.1170
30.			.0906	.1115	.1036	.1122	.1157	.1184	.1197	.1188	.1205	.1146	.1092	.1186
50.	.1209	.1210	.1010	.1092	.1045	.1142	.1199	.1213	.1217	.1183	.1186	.1097	.1163	.1201
60.				.1060	.1051	.1024	.1207	.1221	.1195	.1166	.1143	.1083	.1211	.1168
70.		.1218	.1211	.1044	.1055	.1056	.1246	.1271	.1187	.1180	.1132	.1123	.1180	.1208
80.			.1114	.1115	.1109	.1094	.1322	.1274	.1243	.1262	.1206	.1184	.1226	.1222
90.	.1564	.1486	.1502	.1444	.1432	.1477	.1563	.1548	.1582	.1552	.1515	.1549	.1556	.1590
100.			.1222	.1201	.1151	.1146	.1296	.1289	.1284	.1292	.1240	.1228	.1348	.1398
110.		.1288	.1182	.1126	.1112	.1102	.1216	.1229	.1189	.1194	.1151	.1172	.1286	.1329
120.				.1119	.1126	.1076	.1176	.1186	.1160	.1182	.1163	.1128	.1291	.1281
130.	.1276	.1277	.1043	.1138	.1139	.1129	.1167	.1179	.1164	.1171	.1219	.1132	.1222	.1306
150.			.0958	.1168	.1143	.1109	.1136	.1144	.1142	.1154	.1220	.1196	.1131	.1265
180.	.1346	.1260		.1182	.1185	.1175	.1213	.1211	.2410	.1234	.1177	.1256	.1235	.1220
210.			.1242	.1220	.1241	.1213	.1258	.1247	.1253	.1237	.1295	.1240	.1237	.1321
230.	.1398	.1337	.1306	.1227	.1248	.1272	.1320	.1329	.1347	.1324	.1323	.1272	.1319	.1336
240.				.1236	.1267	.1283	.1360	.1351	.1353	.1374	.1329	.1289	.1385	.1354
250.		.1539	.1437	.1343	.1357	.1358	.1437	.1476	.1480	.1454	.1427	.1420	.1472	.1543
260.			.1733	.1758	.1749	.1718	.1859	.1854	.1885	.1916	.1859	.1803	.1927	.1939
270.	.3167	.3118	.3124	.3102	.3068	.3119	.3107	.3137	.3167	.3124	.3097	.3102	.3132	.3183
280.			.1625	.1614	.1631	.1603	.1813	.1773	.1800	.1844	.1795	.1732	.1809	.1833
290.		.1409	.1337	.1256	.1262	.1266	.1413	.1423	.1416	.1393	.1375	.1346	.1413	.1447
300.				.1172	.1212	.1181	.1309	.1300	.1268	.1321	.1288	.1230	.1338	.1298
310.	.1303	.1242	.1234	.1156	.1190	.1230	.1283	.1279	.1256	.1266	.1273	.1212	.1260	.1260
330.			.1152	.1148	.1173	.1178	.1222	.1228	.1227	.1198	.1279	.1221	.1189	.1265
							FOR ALPHA = 1.35 DEG							
0.	.1149	.1067		.1001	.0974	.1022	.1066	.1084	.2296	.1098	.1038	.1099	.1069	.1039
30.			.0835	.0990	.0935	.0985	.1025	.1055	.1063	.1052	.1065	.1020	.0962	.1056
50.	.1098	.1057	.0887	.0970	.0944	.1008	.1076	.1092	.1085	.1042	.1059	.0975	.1030	.1076
60.				.0936	.0939	.0920	.1088	.1097	.1064	.1035	.1012	.0959	.1076	.1040
70.		.1093	.1074	.0918	.0940	.0932	.1118	.1147	.1059	.1047	.0999	.0992	.1045	.1080
80.			.0964	.0980	.0962	.0951	.1161	.1118	.1101	.1099	.1046	.1006	.1070	.1068
90.	.1556	.1483	.1521	.1431	.1438	.1466	.1542	.1526	.1558	.1521	.1491	.1491	.1518	.1598
100.			.1387	.1325	.1363	.1282	.1438	.1434	.1411	.1427	.1392	.1372	.1422	.1516
110.		.1459	.1322	.1269	.1308	.1256	.1351	.1366	.1326	.1323	.1296	.1313	.1358	.1460
120.				.1281	.1288	.1262	.1314	.1319	.1304	.1308	.1305	.1265	.1396	.1399
130.	.1433	.1454	.1159	.1299	.1288	.1293	.1310	.1311	.1308	.1307	.1354	.1264	.1352	.1406
150.			.1024	.1333	.1277	.1273	.1301	.1286	.1293	.1306	.1370	.1324	.1279	.1364
180.	.1493	.1414		.1340	.1339	.1323	.1389	.1373	.2423	.1387	.1332	.1397	.1375	.1362
210.			.1389	.1378	.1391	.1379	.1431	.1423	.1415	.1403	.1470	.1402	.1389	.1481
230.	.1530	.1491	.1471	.1403	.1421	.1450	.1505	.1500	.1510	.1502	.1504	.1466	.1524	.1548
240.				.1431	.1449	.1468	.1576	.1546	.1536	.1574	.1517	.1485	.1599	.1572
250.		.1711	.1635	.1554	.1575	.1568	.1663	.1706	.1707	.1667	.1636	.1632	.1706	.1775
260.			.1972	.2000	.1992	.1964	.2109	.2116	.2140	.2171	.2112	.2055	.2200	.2179
270.	.3125	.3060	.3121	.3062	.3083	.3101	.3086	.3120	.3161	.3120	.3074	.3097	.3124	.3175
280.			.1364	.1384	.1392	.1379	.1562	.1540	.1580	.1636	.1538	.1481	.1567	.1591
290.		.1230	.1141	.1085	.1062	.1067	.1199	.1229	.1234	.1209	.1171	.1156	.1205	.1270
300.				.1027	.1035	.1003	.1140	.1139	.1111	.1173	.1121	.1062	.1172	.1145
310.	.1155	.1096	.1103	.1018	.1020	.1085	.1122	.1135	.1111	.1133	.1111	.1058	.1110	.1109
330.			.0989	.1006	.1038	.1036	.1080	.1107	.1107	.1083	.1140	.1095	.1071	.1138

TABLE V. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.65 DEG								
0.	.1330	.1256	.1299	.1327	.1170	.1261	.1290	.1307	.1276	.1276	.1415	.1475	.1482	0.
30.	.1308	.1190	.1218	.1216	.1168	.1207	.1259	.1273	.1216	.1248	.1377	.1314	.1336	30.
50.	.1263	.1196	.1207	.1237	.1212	.1245	.1273	.1282	.1228	.1172	.1143	.1273	.1320	50.
60.	.1233	.1208	.1239	.1253	.1209	.1262	.1287	.1251	.1186	.1157	.1121	.1207	.1319	60.
70.	.1253	.1253	.1263	.1266	.1314	.1311	.1266	.1266	.1185	.1152	.1169	.1283	.1278	70.
80.	.1391	.1357	.1327	.1297	.1430	.1268	.1317	.1329	.1249	.1266	.1307	.1399	.1358	80.
90.	.1558	.1528	.1547	.1467	.1478	.1440	.1475	.1495	.1414	.1426	.1450	.1482	.1453	90.
100.	.1155	.1090	.1053	.1004	.1132	.0961	.0971	.1009	.0976	.0903	.1005	.1084	.1086	100.
110.	.1083	.1031	.1005	.1001	.0987	.0973	.0947	.0956	.0909	.0933	.0929	.0960	.0973	110.
120.	.1039	.1015	.1001	.0989	.0912	.0925	.0936	.0961	.0903	.0886	.0883	.0963	.1006	120.
130.	.1068	.0964	.0996	.1000	.0914	.0931	.0946	.0970	.0935	.0877	.0861	.0990	.1054	130.
150.	.1081	.0952	.0975	.0986	.0935	.0924	.0927	.0944	.0890	.0902	.1036	.1011	.1046	150.
180.	.1067	.0989	.1009	.1043	.0921	.0964	.0959	.0938	.0926	.0930	.1064	.1120	.1121	180.
210.	.1120	.1038	.1077	.1082	.1042	.1013	.1019	.1018	.0969	.0985	.1115	.1121	.1190	210.
230.	.1151	.1084	.1103	.1145	.1097	.1117	.1153	.1137	.1077	.1058	.0992	.1107	.1206	230.
240.	.1126	.1123	.1132	.1104	.1086	.1188	.1184	.1164	.1119	.1114	.1081	.1136	.1226	240.
250.	.1277	.1271	.1238	.1227	.1241	.1214	.1228	.1249	.1182	.1221	.1206	.1388	.1330	250.
260.	.1688	.1661	.1610	.1555	.1683	.1561	.1580	.1600	.1513	.1479	.1593	.1642	.1666	260.
270.	.3226	.3177	.3208	.3169	.3186	.3166	.3212	.3234	.3208	.3102	.3148	.3229	.3158	270.
280.	.2077	.2096	.2107	.2066	.2242	.2036	.2076	.2145	.2125	.2038	.2066	.2143	.2218	280.
290.	.1630	.1638	.1640	.1681	.1725	.1666	.1681	.1712	.1692	.1659	.1670	.1793	.1759	290.
300.	.1437	.1459	.1498	.1518	.1467	.1600	.1598	.1614	.1582	.1478	.1473	.1553	.1638	300.
310.	.1471	.1415	.1475	.1531	.1414	.1485	.1538	.1550	.1512	.1424	.1384	.1533	.1647	310.
330.	.1424	.1332	.1400	.1413	.1334	.1363	.1409	.1426	.1301	.1338	.1487	.1524	.1608	330.
						FOR ALPHA = .35 DEG								
0.	.1155	.1092	.1121	.1138	.1025	.1094	.1116	.1114	.1121	.1116	.1240	.1287	.1275	0.
30.	.1161	.1052	.1091	.1085	.1041	.1089	.1128	.1120	.1080	.1118	.1237	.1160	.1200	30.
50.	.1133	.1063	.1084	.1109	.1088	.1132	.1139	.1141	.1092	.1043	.1022	.1132	.1186	50.
60.	.1097	.1093	.1122	.1123	.1087	.1152	.1143	.1098	.1050	.1018	.1006	.1080	.1175	60.
70.	.1120	.1138	.1140	.1152	.1188	.1174	.1137	.1116	.1045	.1021	.1036	.1154	.1154	70.
80.	.1238	.1230	.1192	.1153	.1277	.1119	.1172	.1170	.1100	.1111	.1153	.1253	.1222	80.
90.	.1578	.1543	.1562	.1489	.1499	.1469	.1498	.1519	.1436	.1450	.1473	.1502	.1478	90.
100.	.1328	.1259	.1210	.1145	.1340	.1136	.1160	.1180	.1133	.1066	.1140	.1245	.1245	100.
110.	.1237	.1182	.1131	.1136	.1138	.1131	.1098	.1089	.1052	.1056	.1054	.1109	.1111	110.
120.	.1186	.1159	.1136	.1117	.1064	.1079	.1073	.1089	.1061	.1014	.1000	.1097	.1154	120.
130.	.1218	.1114	.1140	.1137	.1068	.1078	.1070	.1106	.1083	.1011	.0985	.1117	.1203	130.
150.	.1234	.1111	.1127	.1116	.1078	.1067	.1074	.1072	.1031	.1045	.1178	.1141	.1203	150.
180.	.1224	.1144	.1152	.1167	.1062	.1117	.1115	.1084	.1069	.1066	.1192	.1261	.1268	180.
210.	.1283	.1204	.1227	.1214	.1183	.1157	.1158	.1173	.1134	.1134	.1261	.1278	.1331	210.
230.	.1337	.1268	.1299	.1329	.1272	.1263	.1287	.1297	.1238	.1225	.1163	.1281	.1371	230.
240.	.1300	.1299	.1321	.1292	.1266	.1351	.1356	.1359	.1303	.1286	.1250	.1282	.1427	240.
250.	.1491	.1471	.1421	.1436	.1449	.1439	.1431	.1428	.1379	.1417	.1391	.1600	.1557	250.
260.	.1944	.1912	.1853	.1810	.1947	.1809	.1837	.1857	.1783	.1751	.1838	.1910	.1931	260.
270.	.3180	.3162	.3188	.3146	.3140	.3160	.3188	.3196	.3163	.3100	.3103	.3188	.3109	270.
280.	.1808	.1812	.1797	.1761	.1886	.1756	.1761	.1813	.1763	.1734	.1736	.1804	.1853	280.
290.	.1402	.1400	.1375	.1401	.1416	.1408	.1397	.1408	.1383	.1415	.1411	.1512	.1460	290.
300.	.1230	.1227	.1242	.1245	.1245	.1354	.1364	.1365	.1305	.1281	.1235	.1294	.1342	300.
310.	.1241	.1187	.1231	.1275	.1260	.1297	.1317	.1311	.1233	.1222	.1149	.1279	.1365	310.
330.	.1242	.1134	.1184	.1177	.1171	.1173	.1187	.1191	.1136	.1140	.1271	.1288	.1340	330.
						FOR ALPHA = 1.35 DEG								
0.	.1023	.0972	.1001	.1024	.0901	.0973	.0982	.0994	.0986	.0986	.1110	.1150	.1146	0.
30.	.1029	.0933	.0974	.0971	.0936	.0959	.0989	.0989	.0954	.0995	.1089	.1020	.1071	30.
50.	.1015	.0950	.0968	.1008	.0968	.1009	.1001	.1004	.0971	.0918	.0894	.1008	.1064	50.
60.	.0988	.0965	.1007	.1016	.0971	.1040	.1000	.0958	.0924	.0900	.0898	.0956	.1059	60.
70.	.0996	.1019	.1021	.1032	.1078	.1045	.0999	.0977	.0920	.0894	.0923	.1039	.1012	70.
80.	.1081	.1087	.1060	.1005	.1115	.0974	.1008	.1012	.0963	.0979	.1042	.1134	.1077	80.
90.	.1566	.1529	.1547	.1473	.1478	.1462	.1489	.1491	.1485	.1399	.1454	.1495	.1487	90.
100.	.1559	.1419	.1360	.1282	.1481	.1325	.1346	.1348	.1296	.1376	.1273	.1356	.1439	100.
110.	.1377	.1380	.1298	.1268	.1283	.1320	.1280	.1282	.1225	.1220	.1233	.1331	.1266	110.
120.	.1347	.1305	.1303	.1269	.1238	.1268	.1261	.1262	.1230	.1210	.1144	.1234	.1374	120.
130.	.1370	.1257	.1259	.1290	.1271	.1274	.1264	.1269	.1256	.1202	.1152	.1284	.1358	130.
150.	.1367	.1272	.1269	.1274	.1261	.1294	.1263	.1256	.1189	.1229	.1359	.1327	.1395	150.
180.	.1360	.1296	.1331	.1331	.1223	.1285	.1275	.1264	.1254	.1234	.1369	.1431	.1445	180.
210.	.1441	.1379	.1402	.1381	.1344	.1323	.1321	.1341	.1303	.1297	.1423	.1427	.1490	210.
230.	.1517	.1443	.1482	.1518	.1443	.1445	.1472	.1461	.1416	.1397	.1323	.1451	.1521	230.
240.	.1498	.1503	.1535	.1516	.1501	.1581	.1547	.1535	.1486	.1451	.1424	.1475	.1606	240.
250.	.1709	.1700	.1658	.1649	.1663	.1679	.1667	.1674	.1616	.1626	.1611	.1774	.1767	250.
260.	.2205	.2174	.2113	.2046	.2210	.2062	.2111	.2146	.2046	.2007	.2090	.2199	.2201	260.
270.	.3178	.3155	.3185	.3127	.3140	.3154	.3182	.3200	.3172	.3097	.3095	.3199	.3114	270.
280.	.1586	.1590	.1589	.1524	.1653	.1506	.1525	.1569	.1520	.1476	.1502	.1562	.1638	280.
290.	.1217	.1212	.1210	.1231	.1229	.1207	.1225	.1246	.1232	.1248	.1246	.1302	.1245	290.
300.	.1064	.1062	.1085	.1081	.1094	.1200	.1227	.1186	.1144	.1112	.1081	.1139	.1171	300.
310.	.1081	.1040	.1041	.1133	.1102	.1156	.1197	.1169	.1105	.1077	.1016	.1124	.1221	310.
330.	.1101	.1018	.1073	.1070	.1040	.1044	.1064	.1056	.1002	.1010	.1154	.1146	.1202	330.

TABLE V. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.35 DEG								
0.	.1024	.0941		.0861	.0826	.0886	.0944	.0954	.2219	.0964	.0902	.0974	.0944	.0906
30.			.0706	.0869	.0801	.0860	.0908	.0932	.0928	.0914	.0944	.0902	.0841	.0935
50.	.0979	.0926	.0764	.0846	.0816	.0896	.0952	.0966	.0958	.0915	.0943	.0839	.0905	.0967
60.				.0818	.0814	.0793	.0964	.0975	.0926	.0916	.0897	.0836	.0949	.0926
70.		.0962	.0920	.0789	.0820	.0803	.0987	.1015	.0932	.0926	.0868	.0865	.0903	.0953
80.			.0799	.0824	.0809	.0800	.1024	.0981	.0974	.0970	.0903	.0881	.0913	.0936
90.	.1499	.1418	.1441	.1352	.1373	.1396	.1476	.1471	.1505	.1459	.1426	.1430	.1453	.1533
100.			.1520	.1452	.1465	.1401	.1562	.1568	.1563	.1540	.1511	.1501	.1559	.1637
110.		.1599	.1432	.1407	.1421	.1371	.1481	.1507	.1474	.1466	.1424	.1454	.1498	.1584
120.				.1414	.1397	.1384	.1450	.1455	.1441	.1453	.1448	.1391	.1549	.1515
130.	.1555	.1574	.1254	.1437	.1400	.1427	.1454	.1452	.1442	.1450	.1487	.1397	.1493	.1553
150.			.1210	.1463	.1414	.1401	.1443	.1440	.1425	.1455	.1508	.1463	.1410	.1525
180.	.1635	.1547		.1490	.1486	.1478	.1542	.1536	.2404	.1546	.1479	.1552	.1527	.1507
210.			.1549	.1527	.1546	.1544	.1589	.1581	.1587	.1562	.1628	.1566	.1551	.1644
230.	.1685	.1633	.1650	.1578	.1591	.1635	.1671	.1684	.1686	.1673	.1688	.1635	.1698	.1745
240.				.1609	.1638	.1646	.1764	.1745	.1723	.1766	.1716	.1669	.1789	.1778
250.		.1895	.1791	.1749	.1787	.1772	.1884	.1918	.1905	.1890	.1852	.1837	.1907	.1987
260.			.2167	.2239	.2246	.2215	.2366	.2353	.2354	.2408	.2332	.2283	.2421	.2402
270.	.3095	.3032	.3081	.3024	.3028	.3056	.3050	.3085	.3117	.3061	.3008	.3041	.3059	.3102
280.			.1155	.1144	.1139	.1083	.1290	.1283	.1305	.1343	.1276	.1229	.1289	.1319
290.		.1057	.0952	.0865	.0829	.0829	.0990	.1034	.1018	.0997	.0958	.0945	.1009	.1039
300.				.0844	.0820	.0810	.0968	.0973	.0956	.0975	.0944	.0896	.0980	.0958
310.	.1010	.0970	.0975	.0846	.0831	.0907	.0946	.0973	.0946	.0954	.0958	.0911	.0942	.0952
330.			.0814	.0871	.0863	.0893	.0943	.0975	.0958	.0926	.1002	.0966	.0942	.0970
						FOR ALPHA = 3.35 DEG								
0.	.0894	.0825		.0734	.0709	.0760	.0820	.0827	.2083	.0828	.0779	.0842	.0815	.0792
30.			.0595	.0771	.0699	.0745	.0794	.0809	.0789	.0784	.0838	.0780	.0741	.0828
50.	.0851	.0829	.0665	.0754	.0711	.0774	.0838	.0846	.0814	.0801	.0829	.0716	.0798	.0860
60.				.0727	.0697	.0686	.0855	.0839	.0800	.0801	.0767	.0708	.0835	.0825
70.		.0851	.0663	.0691	.0694	.0691	.0884	.0847	.0790	.0784	.0736	.0719	.0785	.0838
80.			.0659	.0673	.0668	.0654	.0854	.0800	.0795	.0794	.0732	.0701	.0758	.0772
90.	.1411	.1339	.1343	.1258	.1279	.1313	.1371	.1359	.1386	.1348	.1309	.1313	.1331	.1416
100.			.1660	.1602	.1579	.1529	.1681	.1685	.1673	.1666	.1624	.1612	.1684	.1741
110.		.1756	.1573	.1555	.1568	.1529	.1626	.1638	.1612	.1609	.1564	.1578	.1637	.1701
120.				.1558	.1564	.1535	.1592	.1602	.1585	.1602	.1587	.1525	.1684	.1664
130.	.1724	.1733	.1396	.1585	.1561	.1566	.1587	.1594	.1589	.1614	.1647	.1530	.1631	.1705
150.			.1400	.1628	.1571	.1563	.1590	.1587	.1589	.1612	.1672	.1617	.1555	.1688
180.	.1810	.1724		.1659	.1664	.1634	.1698	.1700	.2336	.1717	.1651	.1711	.1682	.1685
210.			.1721	.1714	.1739	.1711	.1759	.1765	.1759	.1737	.1816	.1743	.1714	.1811
230.	.1871	.1841	.1857	.1779	.1799	.1818	.1870	.1878	.1865	.1864	.1885	.1813	.1878	.1934
240.				.1832	.1863	.1855	.1964	.1954	.1907	.1947	.1921	.1883	.2006	.1996
250.		.2102	.2021	.1969	.2011	.2036	.2124	.2149	.2114	.2096	.2085	.2059	.2141	.2224
260.			.2456	.2469	.2465	.2453	.2583	.2581	.2580	.2617	.2594	.2516	.2656	.2627
270.	.3002	.2970	.3044	.2954	.2924	.2999	.2985	.3000	.3032	.2975	.2922	.2957	.2963	.3006
280.			.0890	.0856	.0853	.0822	.1002	.0997	.1026	.1078	.0969	.0937	.0993	.1045
290.		.0857	.0729	.0637	.0602	.0625	.0777	.0806	.0810	.0794	.0726	.0718	.0802	.0847
300.				.0635	.0626	.0643	.0798	.0796	.0775	.0812	.0749	.0705	.0808	.0803
310.	.0857	.0811	.0804	.0655	.0672	.0758	.0810	.0809	.0790	.0810	.0784	.0733	.0789	.0810
330.			.0608	.0715	.0721	.0754	.0814	.0826	.0814	.0806	.0853	.0810	.0800	.0848
						FOR ALPHA = 5.35 DEG								
0.	.0648	.0579		.0556	.0529	.0539	.0602	.0619	.1731	.0601	.0570	.0658	.0629	.0608
30.			.0445	.0628	.0564	.0513	.0590	.0643	.0635	.0624	.0623	.0635	.0598	.0687
50.	.0615	.0615	.0525	.0613	.0576	.0552	.0626	.0670	.0659	.0648	.0607	.0573	.0664	.0724
60.				.0574	.0561	.0540	.0618	.0648	.0632	.0633	.0544	.0544	.0693	.0695
70.		.0659	.0358	.0496	.0537	.0522	.0591	.0621	.0593	.0568	.0462	.0516	.0601	.0666
80.			.0330	.0378	.0377	.0346	.0444	.0471	.0467	.0478	.0352	.0362	.0448	.0482
90.	.1151	.1073	.1069	.0957	.1003	.1026	.1021	.1043	.1069	.1029	.0936	.0958	.1017	.1046
100.			.1893	.1855	.1813	.1765	.1892	.1911	.1888	.1886	.1848	.1829	.1952	.2015
110.		.2094	.1894	.1864	.1864	.1804	.1908	.1928	.1902	.1910	.1860	.1878	.1936	.2038
120.				.1864	.1869	.1836	.1895	.1908	.1911	.1918	.1900	.1831	.2003	.1987
130.	.2079	.2072	.1760	.1905	.1891	.1874	.1907	.1918	.1923	.1937	.1975	.1849	.1963	.2044
150.			.1794	.1969	.1917	.1896	.1921	.1909	.1929	.1953	.2022	.1961	.1903	.2018
180.	.2192	.2094		.2019	.2001	.1997	.2034	.2046	.2126	.2077	.2010	.2072	.2039	.2026
210.			.2094	.2095	.2074	.2077	.2133	.2123	.2131	.2093	.2185	.2097	.2073	.2188
230.	.2257	.2235	.2242	.2187	.2195	.2212	.2259	.2261	.2248	.2250	.2289	.2196	.2257	.2351
240.				.2255	.2276	.2250	.2373	.2352	.2306	.2350	.2336	.2274	.2440	.2419
250.		.2555	.2414	.2423	.2466	.2463	.2571	.2576	.2523	.2517	.2500	.2479	.2601	.2665
260.			.2903	.2876	.2878	.2871	.3037	.3000	.3013	.3028	.2962	.2981	.3052	.3060
270.	.2844	.2755	.2780	.2681	.2710	.2752	.2784	.2763	.2788	.2715	.2651	.2696	.2695	.2769
280.			.0357	.0308	.0267	.0239	.0423	.0407	.0431	.0461	.0389	.0362	.0429	.0451
290.		.0459	.0284	.0205	.0204	.0215	.0349	.0385	.0396	.0362	.0303	.0317	.0391	.0443
300.				.0292	.0302	.0320	.0458	.0462	.0445	.0483	.0429	.0396	.0500	.0503
310.	.0574	.0507	.0410	.0357	.0384	.0466	.0511	.0510	.0505	.0527	.0501	.0462	.0520	.0535
330.			.0308	.0450	.0479	.0523	.0573	.0567	.0576	.0579	.0640	.0587	.0554	.0628

TABLE V. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.35 DEG								
0.	.0900	.0845	.0874	.0906	.0782	.0846	.0858	.0859	.0861	.0864	.0973	.1005	.1001	0.
30.	.0921	.0822	.0858	.0870	.0820	.0848	.0854	.0861	.0848	.0862	.0948	.0906	.0952	30.
50.	.0909	.0852	.0858	.0908	.0870	.0885	.0873	.0876	.0848	.0805	.0765	.0885	.0944	50.
60.	.0876	.0870	.0890	.0911	.0870	.0905	.0858	.0841	.0799	.0783	.0764	.0828	.0925	60.
70.	.0886	.0913	.0903	.0910	.0949	.0897	.0849	.0837	.0778	.0784	.0802	.0894	.0874	70.
80.	.0978	.0942	.0922	.0865	.1012	.0825	.0836	.0856	.0797	.0819	.0893	.0937	.0893	80.
90.	.1505	.1478	.1482	.1411	.1416	.1396	.1432	.1436	.1406	.1322	.1382	.1428	.1410	90.
100.	.1692	.1562	.1494	.1406	.1605	.1453	.1489	.1490	.1437	.1487	.1402	.1488	.1574	100.
110.	.1515	.1534	.1442	.1392	.1409	.1466	.1428	.1419	.1374	.1352	.1362	.1466	.1398	110.
120.	.1493	.1464	.1468	.1407	.1371	.1419	.1409	.1402	.1369	.1334	.1278	.1361	.1519	120.
130.	.1495	.1422	.1421	.1441	.1392	.1425	.1415	.1403	.1394	.1333	.1286	.1405	.1501	130.
150.	.1502	.1421	.1444	.1426	.1411	.1454	.1429	.1400	.1330	.1370	.1498	.1466	.1539	150.
180.	.1510	.1446	.1488	.1497	.1383	.1448	.1437	.1425	.1396	.1382	.1513	.1582	.1598	180.
210.	.1613	.1547	.1569	.1549	.1504	.1485	.1480	.1511	.1473	.1441	.1588	.1595	.1652	210.
230.	.1706	.1607	.1649	.1699	.1621	.1608	.1639	.1642	.1595	.1568	.1504	.1624	.1705	230.
240.	.1688	.1701	.1734	.1733	.1715	.1756	.1733	.1719	.1666	.1640	.1601	.1647	.1804	240.
250.	.1911	.1891	.1853	.1863	.1876	.1897	.1912	.1911	.1850	.1842	.1805	.1950	.1995	250.
260.	.2443	.2378	.2345	.2282	.2442	.2304	.2344	.2375	.2303	.2266	.2320	.2419	.2439	260.
270.	.3103	.3101	.3135	.3078	.3070	.3100	.3113	.3131	.3101	.3025	.3026	.3135	.3036	270.
280.	.1302	.1325	.1319	.1250	.1364	.1251	.1264	.1276	.1228	.1194	.1239	.1309	.1351	280.
290.	.1017	.1016	.1013	.1026	.1004	.1010	.1062	.1064	.0998	.1035	.1018	.1065	.1018	290.
300.	.0900	.0893	.0918	.0936	.0914	.1008	.1022	.0986	.0950	.0941	.0923	.0952	.0974	300.
310.	.0930	.0891	.0897	.0932	.0939	.1000	.1025	.1002	.0930	.0926	.0865	.0970	.1025	310.
330.	.0954	.0881	.0919	.0923	.0905	.0933	.0938	.0911	.0848	.0875	.1006	.0991	.1042	330.
						FOR ALPHA = 3.35 DEG								
0.	.0778	.0721	.0761	.0795	.0656	.0708	.0725	.0733	.0738	.0727	.0831	.0872	.0882	0.
30.	.0798	.0712	.0756	.0774	.0703	.0718	.0742	.0745	.0717	.0724	.0816	.0779	.0835	30.
50.	.0801	.0742	.0763	.0813	.0748	.0753	.0759	.0748	.0727	.0682	.0642	.0769	.0827	50.
60.	.0767	.0762	.0801	.0804	.0742	.0773	.0730	.0709	.0689	.0675	.0639	.0708	.0794	60.
70.	.0770	.0798	.0785	.0784	.0795	.0752	.0701	.0710	.0656	.0659	.0670	.0754	.0755	70.
80.	.0804	.0777	.0773	.0679	.0834	.0654	.0652	.0681	.0632	.0652	.0734	.0748	.0734	80.
90.	.1384	.1362	.1349	.1300	.1297	.1284	.1296	.1319	.1276	.1209	.1263	.1324	.1276	90.
100.	.1803	.1679	.1613	.1525	.1731	.1576	.1616	.1615	.1574	.1604	.1516	.1624	.1696	100.
110.	.1661	.1681	.1579	.1542	.1545	.1609	.1573	.1562	.1515	.1487	.1513	.1587	.1537	110.
120.	.1624	.1612	.1623	.1553	.1508	.1560	.1552	.1547	.1523	.1486	.1429	.1499	.1673	120.
130.	.1641	.1568	.1578	.1586	.1538	.1574	.1564	.1559	.1547	.1489	.1442	.1551	.1657	130.
150.	.1645	.1559	.1601	.1584	.1559	.1590	.1581	.1561	.1484	.1523	.1659	.1617	.1720	150.
180.	.1675	.1602	.1643	.1658	.1553	.1609	.1605	.1588	.1563	.1551	.1683	.1751	.1769	180.
210.	.1788	.1726	.1738	.1709	.1676	.1661	.1663	.1688	.1653	.1634	.1765	.1758	.1833	210.
230.	.1894	.1792	.1831	.1878	.1806	.1795	.1832	.1826	.1787	.1768	.1681	.1801	.1890	230.
240.	.1893	.1916	.1945	.1920	.1908	.1955	.1925	.1903	.1872	.1835	.1789	.1832	.1994	240.
250.	.2134	.2113	.2087	.2081	.2099	.2128	.2128	.2135	.2045	.2047	.2011	.2163	.2191	250.
260.	.2675	.2630	.2577	.2497	.2690	.2543	.2575	.2598	.2524	.2506	.2542	.2658	.2672	260.
270.	.3028	.3006	.3024	.2985	.2987	.3000	.3016	.3044	.2998	.2929	.2928	.3040	.2945	270.
280.	.1038	.1081	.1039	.0963	.1086	.0963	.0952	.0969	.0956	.0887	.0925	.0999	.1041	280.
290.	.0803	.0816	.0812	.0815	.0816	.0798	.0826	.0837	.0794	.0799	.0767	.0833	.0811	290.
300.	.0732	.0723	.0758	.0769	.0755	.0828	.0814	.0805	.0775	.0764	.0726	.0751	.0804	300.
310.	.0777	.0742	.0757	.0793	.0769	.0804	.0830	.0844	.0794	.0770	.0695	.0800	.0867	310.
330.	.0801	.0745	.0779	.0792	.0754	.0773	.0785	.0778	.0731	.0739	.0842	.0840	.0909	330.
						FOR ALPHA = 5.35 DEG								
0.	.0579	.0553	.0594	.0609	.0431	.0526	.0554	.0545	.0481	.0496	.0629	.0681	.0692	0.
30.	.0622	.0581	.0630	.0625	.0484	.0545	.0595	.0604	.0467	.0506	.0655	.0639	.0696	30.
50.	.0605	.0612	.0638	.0660	.0498	.0568	.0597	.0597	.0570	.0475	.0489	.0609	.0674	50.
60.	.0572	.0611	.0655	.0635	.0495	.0534	.0554	.0568	.0542	.0460	.0470	.0536	.0642	60.
70.	.0540	.0600	.0595	.0604	.0564	.0476	.0495	.0521	.0492	.0423	.0452	.0571	.0560	70.
80.	.0446	.0450	.0466	.0369	.0500	.0263	.0304	.0364	.0325	.0279	.0403	.0398	.0426	80.
90.	.1032	.1000	.0975	.0955	.0966	.0903	.0917	.0967	.0890	.0884	.0908	.0990	.0927	90.
100.	.1984	.1904	.1824	.1736	.1940	.1787	.1826	.1831	.1835	.1778	.1750	.1864	.1950	100.
110.	.1985	.1942	.1840	.1816	.1816	.1905	.1868	.1861	.1808	.1775	.1815	.1840	.1832	110.
120.	.1959	.1930	.1914	.1832	.1817	.1872	.1872	.1859	.1814	.1797	.1745	.1826	.1996	120.
130.	.1963	.1899	.1906	.1888	.1835	.1895	.1883	.1875	.1858	.1815	.1775	.1901	.1995	130.
150.	.1986	.1879	.1950	.1923	.1905	.1895	.1908	.1896	.1824	.1865	.2028	.1988	.2054	150.
180.	.2025	.1951	.1990	.2012	.1905	.1968	.1964	.1937	.1920	.1919	.2044	.2122	.2126	180.
210.	.2187	.2086	.2102	.2073	.2051	.2031	.2047	.2072	.2023	.2008	.2141	.2137	.2216	210.
230.	.2278	.2171	.2237	.2272	.2197	.2195	.2214	.2234	.2189	.2154	.2064	.2202	.2307	230.
240.	.2309	.2316	.2353	.2341	.2326	.2353	.2314	.2317	.2284	.2255	.2194	.2248	.2439	240.
250.	.2561	.2551	.2510	.2536	.2533	.2587	.2581	.2586	.2475	.2466	.2445	.2654	.2632	250.
260.	.3101	.3047	.2986	.2914	.3127	.2990	.3013	.3040	.2930	.2945	.2982	.3101	.3118	260.
270.	.2794	.2764	.2753	.2713	.2722	.2722	.2741	.2749	.2699	.2674	.2680	.2772	.2680	270.
280.	.0472	.0531	.0457	.0394	.0493	.0329	.0331	.0367	.0308	.0265	.0293	.0343	.0400	280.
290.	.0395	.0443	.0419	.0413	.0405	.0360	.0399	.0424	.0394	.0405	.0351	.0427	.0400	290.
300.	.0428	.0404	.0502	.0514	.0430	.0495	.0494	.0488	.0454	.0430	.0404	.0415	.0459	300.
310.	.0507	.0470	.0509	.0602	.0509	.0517	.0536	.0552	.0498	.0464	.0415	.0504	.0565	310.
330.	.0598	.0523	.0552	.0576	.0570	.0545	.0525	.0524	.0455	.0470	.0581	.0591	.0652	330.

TABLE V. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 10.35 DEG								
0.	.0083	.0028		-.0008	-.0027	.0064	.0119	.0120	.0340	.0150	.0076	.0129	.0103	.0082
30.			-.0166	-.0012	-.0021	.0047	.0115	.0146	.0154	.0143	.0206	.0160	.0105	.0199
50.	.0072	.0046	.0008	-.0050	-.0037	.0065	.0123	.0160	.0168	.0146	.0167	.0082	.0139	.0205
60.				-.0074	-.0145	-.0186	.0019	.0067	.0081	.0106	.0080	.0039	.0144	.0131
70.		-.0496	-.0673	-.0291	-.0302	-.0226	-.0075	-.0114	-.0124	-.0136	-.0172	-.0186	-.0154	-.0134
80.			-.0768	-.0920	-.1042	-.1111	-.1004	-.0973	-.0950	-.0868	-.0823	-.0772	-.0732	-.0646
90.	.0085	-.0077	-.0142	-.0490	-.0348	-.0342	-.0227	-.0319	-.0349	-.0356	-.0400	-.0495	-.0520	-.0469
100.			.2420	.2381	.2325	.2219	.2367	.2403	.2319	.2304	.2366	.2416	.2361	.2403
110.		.2840	.2757	.2694	.2671	.2597	.2689	.2711	.2679	.2661	.2653	.2720	.2797	.2788
120.				.2733	.2755	.2705	.2780	.2784	.2788	.2773	.2762	.2732	.2954	.2933
130.	.2984	.2945	.2858	.2842	.2796	.2755	.2838	.2850	.2846	.2854	.2880	.2754	.2902	.3030
150.			.2931	.2911	.2855	.2832	.2868	.2893	.2908	.2922	.2993	.2896	.2836	.2988
180.	.3256	.3115		.3042	.3008	.2975	.3041	.3062	.1213	.3094	.3017	.3087	.3053	.3046
210.			.3121	.3144	.3139	.3106	.3159	.3182	.3174	.3121	.3246	.3166	.3166	.3313
230.	.3418	.3361	.3319	.3295	.3260	.3264	.3323	.3356	.3344	.3316	.3380	.3292	.3450	.3469
240.				.3409	.3374	.3344	.3452	.3454	.3422	.3485	.3436	.3416	.3626	.3549
250.		.3733	.3617	.3629	.3584	.3551	.3669	.3684	.3671	.3696	.3662	.3690	.3731	.3817
260.			.4016	.3970	.3915	.3871	.3977	.3978	.4025	.4028	.4022	.4016	.4072	.4059
270.	.2171	.1965	.2203	.1815	.1932	.1953	.1979	.1871	.1901	.1880	.1831	.1839	.1839	.1857
280.			-.1086	-.1257	-.1306	-.1372	-.1301	-.1385	-.1434	-.1404	-.1484	-.1498	-.1508	-.1477
290.		-.0392	-.0792	-.0873	-.0859	-.0941	-.0910	-.0914	-.0874	-.0792	-.0684	-.0648	-.0490	-.0425
300.				-.0523	-.0486	-.0601	-.0322	-.0207	-.0223	-.0215	-.0220	-.0294	-.0171	-.0170
310.	-.0105	-.0258	-.0427	-.0279	-.0226	-.0063	-.0013	-.0015	-.0030	-.0083	-.0091	-.0136	-.0083	-.0025
330.			-.0121	-.0083	-.0070	-.0006	.0064	.0072	.0061	.0016	.0067	.0024	-.0010	.0076
						FOR ALPHA = 15.35 DEG								
0.	-.0257	-.0268		-.0323	-.0366	-.0370	-.0331	-.0321	-.0635	-.0293	-.0331	-.0242	-.0276	-.0304
30.			-.0562	-.0348	-.0399	-.0362	-.0302	-.0277	-.0265	-.0273	-.0198	-.0257	-.0258	-.0203
50.	-.0344	-.0323	-.0345	-.0427	-.0435	-.0323	-.0228	-.0188	-.0186	-.0206	-.0212	-.0227	-.0224	-.0158
60.				-.0652	-.0864	-.0971	-.0827	-.0634	-.0438	-.0373	-.0332	-.0359	-.0259	-.0250
70.		-.1873	-.1918	-.1445	-.1364	-.1790	-.2173	-.2361	-.2383	-.2433	-.2462	-.2497	-.2481	-.2511
80.			-.1810	-.2104	-.2070	-.1990	-.1902	-.1858	-.1868	-.1871	-.1909	-.1972	-.1995	-.1994
90.	-.1005	-.1165	-.1161	-.1632	-.1494	-.1444	-.1295	-.1391	-.1432	-.1430	-.1506	-.1567	-.1595	-.1598
100.			.3133	.3034	.2981	.2885	.3052	.3010	.2796	.2857	.2863	.2897	.2898	.2886
110.		.3770	.3670	.3666	.3690	.3594	.3735	.3788	.3603	.3607	.3597	.3641	.3691	.3687
120.				.3886	.3885	.3838	.3935	.3982	.3872	.3821	.3879	.3807	.4021	.3966
130.	.4159	.4070	.3975	.3987	.3962	.3905	.4024	.4039	.4015	.3958	.4015	.3936	.4078	.4131
150.			.4158	.4087	.4074	.4037	.4101	.4120	.4128	.4112	.4167	.4167	.4104	.4252
180.	.4549	.4409		.4224	.4290	.4247	.4305	.4294	.0415	.4323	.4283	.4381	.4332	.4364
210.			.4360	.4383	.4437	.4380	.4435	.4437	.4391	.4378	.4533	.4487	.4450	.4561
230.	.4753	.4714	.4544	.4510	.4582	.4569	.4652	.4632	.4580	.4579	.4700	.4611	.4733	.4753
240.				.4640	.4665	.4689	.4798	.4746	.4693	.4717	.4718	.4706	.4908	.4838
250.		.4996	.4662	.4820	.4829	.4839	.4987	.4982	.4861	.4898	.4848	.4946	.4995	.5036
260.			.4964	.4924	.4862	.4840	.5009	.5011	.4938	.4944	.4949	.4943	.5024	.4953
270.	.1651	.1235	.1451	.0942	.1208	.1281	.1326	.1205	.1212	.1128	.1071	.1006	.0982	.1002
280.			-.2283	-.2279	-.2328	-.2359	-.2272	-.2267	-.2283	-.2307	-.2344	-.2362	-.2347	-.2337
290.		-.1632	-.1732	-.2071	-.2240	-.2329	-.2321	-.2343	-.2252	-.2249	-.2357	-.2372	-.2332	-.2217
300.				-.1260	-.1671	-.2178	-.2163	-.2064	-.2058	-.2021	-.1967	-.1903	-.1802	-.1772
310.	-.0847	-.1546	-.1343	-.1254	-.0791	-.0835	-.0835	-.1018	-.1184	-.1208	-.1329	-.1479	-.1474	-.1404
330.			-.0357	-.0588	-.0669	-.0742	-.0578	-.0436	-.0392	-.0369	-.0273	-.0300	-.0301	-.0199
						FOR ALPHA = 20.35 DEG								
0.	-.0763	-.0710		-.0737	-.0744	-.0744	-.0644	-.0617	-.1380	-.0564	-.0616	-.0592	-.0596	-.0644
30.			-.0721	-.0731	-.0813	-.0714	-.0629	-.0650	-.0680	-.0676	-.0608	-.0666	-.0727	-.0664
50.	-.0871	-.0973	-.1236	-.0991	-.1066	-.0761	-.0802	-.0860	-.0859	-.0853	-.0845	-.0952	-.0956	-.0899
60.				-.2175	-.2292	-.2246	-.2064	-.2088	-.2032	-.2039	-.2166	-.2206	-.2176	-.2144
70.		-.2731	-.2602	-.2830	-.3041	-.3068	-.3055	-.3000	-.2930	-.2872	-.2864	-.2831	-.2777	-.2742
80.			-.2539	-.2708	-.2564	-.2566	-.2557	-.2538	-.2593	-.2620	-.2664	-.2689	-.2692	-.2661
90.	-.1722	-.1700	-.1834	-.2137	-.2055	-.2115	-.2076	-.2075	-.2087	-.2056	-.2092	-.2155	-.2186	-.2143
100.			.3830	.3788	.3709	.3535	.3574	.3584	.3473	.3549	.3542	.3582	.3462	.3514
110.		.4967	.4724	.4756	.4783	.4622	.4750	.4711	.4681	.4792	.4762	.4776	.4814	.4686
120.				.5114	.5112	.5014	.5106	.5059	.5068	.5169	.5200	.5100	.5326	.5151
130.	.5460	.5426	.5278	.5322	.5241	.5161	.5281	.5245	.5234	.5347	.5430	.5300	.5409	.5428
150.			.5525	.5498	.5429	.5344	.5390	.5395	.5405	.5506	.5665	.5605	.5482	.5637
180.	.5956	.5867		.5694	.5672	.5622	.5688	.5655	-.0230	.5767	.5764	.5833	.5730	.5800
210.			.5772	.5819	.5865	.5783	.5859	.5815	.5815	.5861	.5975	.5896	.5872	.5981
230.	.6126	.6157	.5945	.5965	.6008	.5979	.6051	.5998	.5962	.6017	.6132	.5987	.6150	.6149
240.				.6046	.6069	.6063	.6202	.6090	.6046	.6135	.6180	.6061	.6288	.6214
250.		.6319	.6163	.6123	.6160	.6124	.6285	.6245	.6114	.6236	.6168	.6202	.6233	.6294
260.			.5980	.5880	.5843	.5783	.5921	.5929	.5785	.5857	.5827	.5823	.5876	.5876
270.	.0989	.0544	.0782	.0190	.0441	.0590	.0710	.0519	.0477	.0458	.0338	.0246	.0234	.0210
280.			-.2999	-.2863	-.2854	-.2870	-.2785	-.2787	-.2782	-.2762	-.2807	-.2815	-.2805	-.2775
290.		-.2619	-.2792	-.2935	-.2916	-.2901	-.2898	-.2881	-.2845	-.2846	-.2874	-.2813	-.2801	-.2763
300.				-.2680	-.3046	-.3164	-.3173	-.3193	-.3258	-.3250	-.3237	-.3250	-.3197	-.3185
310.	-.2502	-.3217	-.2225	-.2755	-.2889	-.3060	-.3331	-.3355	-.3391	-.3425	-.3502	-.3554	-.3534	-.3472
330.			-.1255	-.1615	-.1577	-.1335	-.1033	-.0804	-.0847	-.0781	-.0689	-.0649	-.0780	-.0678

TABLE V. - CONTINUED

(D) MACH = 1.70, BETA = 5.02 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.35 DEG								
0.	.0106	.0059	.0078	.0086	-.0050	-.0007	-.0006	-.0004	.0010	.0006	.0104	.0133	.0110	0.
30.	.0183	.0089	.0106	.0115	.0048	.0041	.0042	.0043	.0019	.0046	.0153	.0135	.0166	30.
50.	.0155	.0082	.0081	.0089	-.0007	.0035	.0041	.0052	.0021	.0002	-.0024	.0100	.0189	50.
60.	.0055	.0056	.0023	-.0006	-.0083	-.0051	-.0056	-.0071	-.0099	-.0104	-.0108	-.0075	.0003	60.
70.	-.0175	-.0188	-.0224	-.0189	-.0180	-.0231	-.0236	-.0234	-.0238	-.0220	-.0234	-.0167	-.0205	70.
80.	-.0642	-.0682	-.0693	-.0741	-.0626	-.0791	-.0775	-.0728	-.0810	-.0806	-.0779	-.0754	-.0729	80.
90.	-.0538	-.0582	-.0610	-.0667	-.0679	-.0728	-.0766	-.0711	-.0749	-.0681	-.0707	-.0701	-.0672	90.
100.	.2369	.2306	.2226	.2158	.2379	.2234	.2314	.2172	.2170	.2251	.2312	.2324	.2394	100.
110.	.2646	.2606	.2572	.2589	.2624	.2684	.2635	.2647	.2602	.2463	.2514	.2727	.2690	110.
120.	.2759	.2684	.2680	.2691	.2749	.2757	.2714	.2744	.2703	.2693	.2646	.2668	.2809	120.
130.	.2923	.2706	.2722	.2764	.2817	.2812	.2771	.2813	.2809	.2742	.2726	.2871	.2846	130.
150.	.3047	.2863	.2878	.2833	.2830	.2850	.2870	.2876	.2839	.2876	.3027	.2964	.3050	150.
180.	.3040	.2997	.3028	.3017	.2925	.2987	.2969	.2965	.2951	.2947	.3124	.3179	.3168	180.
210.	.3238	.3087	.3129	.3133	.3167	.3149	.3152	.3125	.3041	.3062	.3281	.3320	.3376	210.
230.	.3398	.3226	.3268	.3314	.3315	.3353	.3364	.3338	.3243	.3215	.3208	.3389	.3504	230.
240.	.3449	.3439	.3454	.3408	.3424	.3488	.3505	.3436	.3364	.3351	.3394	.3439	.3553	240.
250.	.3706	.3712	.3671	.3644	.3638	.3738	.3684	.3671	.3595	.3668	.3650	.3744	.3654	250.
260.	.4085	.4035	.4016	.3887	.4105	.3920	.3972	.4011	.3949	.4078	.4035	.4013	.4121	260.
270.	.1856	.1806	.1801	.1736	.1728	.1688	.1680	.1669	.1683	.1673	.1641	.1723	.1760	270.
280.	-.1482	-.1500	-.1587	-.1637	-.1623	-.1766	-.1796	-.1852	-.1876	-.1881	-.1872	-.1847	-.1817	280.
290.	-.0466	-.0456	-.0528	-.0558	-.0602	-.0662	-.0653	-.0700	-.0765	-.0715	-.0739	-.0678	-.0680	290.
300.	-.0260	-.0269	-.0261	-.0293	-.0366	-.0333	-.0344	-.0346	-.0393	-.0376	-.0403	-.0374	-.0311	300.
310.	-.0035	-.0113	-.0123	-.0112	-.0192	-.0182	-.0177	-.0180	-.0216	-.0215	-.0257	-.0165	-.0097	310.
330.	.0086	-.0001	.0002	.0004	-.0055	-.0078	-.0094	-.0090	-.0068	-.0047	.0050	.0038	.0067	330.
						FOR ALPHA = 15.35 DEG								
0.	-.0276	-.0324	-.0292	-.0295	-.0449	-.0408	-.0412	-.0414	-.0377	-.0373	-.0271	-.0214	-.0199	0.
30.	-.0258	-.0321	-.0303	-.0305	-.0397	-.0383	-.0369	-.0374	-.0381	-.0329	-.0231	-.0248	-.0204	30.
50.	-.0216	-.0297	-.0298	-.0272	-.0343	-.0310	-.0308	-.0267	-.0294	-.0338	-.0397	-.0304	-.0236	50.
60.	-.0330	-.0304	-.0303	-.0282	-.0319	-.0264	-.0213	-.0198	-.0282	-.0324	-.0363	-.0329	-.0274	60.
70.	-.2526	-.2526	-.2509	-.2556	-.2614	-.2657	-.2686	-.2800	-.2816	-.2790	-.2839	-.2827	-.2808	70.
80.	-.1915	-.1957	-.1909	-.1920	-.1808	-.1954	-.1868	-.1912	-.1970	-.1939	-.1946	-.1931	-.1911	80.
90.	-.1612	-.1596	-.1660	-.1648	-.1682	-.1779	-.1771	-.1773	-.1781	-.1760	-.1786	-.1773	-.1804	90.
100.	.2858	.2889	.2846	.2635	.2935	.2833	.2855	.2763	.2827	.2827	.2851	.2851	.2974	100.
110.	.3531	.3569	.3598	.3614	.3542	.3606	.3664	.3598	.3601	.3566	.3537	.3698	.3670	110.
120.	.3806	.3764	.3823	.3806	.3849	.3861	.3774	.3826	.3836	.3824	.3782	.3855	.3942	120.
130.	.4007	.3826	.3891	.3930	.3932	.4013	.3968	.3922	.3978	.3939	.3914	.4046	.4063	130.
150.	.4212	.4010	.4070	.4079	.4025	.4052	.4134	.4129	.4054	.4072	.4271	.4168	.4253	150.
180.	.4318	.4237	.4226	.4241	.4159	.4206	.4202	.4245	.4261	.4238	.4374	.4431	.4405	180.
210.	.4508	.4378	.4375	.4399	.4397	.4362	.4393	.4464	.4441	.4386	.4552	.4505	.4615	210.
230.	.4626	.4454	.4573	.4615	.4573	.4572	.4608	.4717	.4658	.4516	.4452	.4690	.4774	230.
240.	.4666	.4631	.4724	.4699	.4692	.4732	.4735	.4770	.4715	.4658	.4617	.4720	.4838	240.
250.	.4820	.4860	.4826	.4820	.4874	.4959	.4941	.4943	.4820	.4877	.4855	.4910	.4862	250.
260.	.4973	.4903	.4841	.4742	.5026	.4873	.4955	.4912	.4918	.4914	.4923	.4905	.5033	260.
270.	.1022	.0949	.0911	.0835	.0817	.0798	.0799	.0823	.0755	.0817	.0763	.0770	.0833	270.
280.	-.2334	-.2390	-.2431	-.2481	-.2481	-.2592	-.2591	-.2617	-.2658	-.2668	-.2677	-.2726	-.2771	280.
290.	-.2239	-.2180	-.2126	-.2118	-.2140	-.2129	-.2105	-.2132	-.2139	-.2133	-.2109	-.2063	-.2084	290.
300.	-.1787	-.1806	-.1776	-.1814	-.1893	-.1866	-.1834	-.1824	-.1824	-.1807	-.1788	-.1785	-.1673	300.
310.	-.1437	-.1462	-.1511	-.1452	-.1594	-.1568	-.1557	-.1541	-.1611	-.1581	-.1586	-.1503	-.1420	310.
330.	-.0247	-.0314	-.0247	-.0223	-.0255	-.0315	-.0333	-.0319	-.0326	-.0304	-.0197	-.0139	-.0090	330.
						FOR ALPHA = 20.35 DEG								
0.	-.0672	-.0685	-.0670	-.0636	-.0782	-.0730	-.0728	-.0747	-.0730	-.0746	-.0632	-.0585	-.0569	0.
30.	-.0727	-.0805	-.0735	-.0687	-.0778	-.0797	-.0789	-.0769	-.0794	-.0773	-.0698	-.0684	-.0634	30.
50.	-.0924	-.0930	-.0982	-.0974	-.1012	-.0947	-.0954	-.0956	-.0946	-.0948	-.1000	-.0909	-.0869	50.
60.	-.2193	-.2255	-.2287	-.2346	-.2344	-.2376	-.2347	-.2309	-.2332	-.2357	-.2333	-.2295	-.2245	60.
70.	-.2831	-.2871	-.2923	-.2957	-.2928	-.2979	-.2989	-.3040	-.3056	-.3067	-.3064	-.3004	-.2951	70.
80.	-.2555	-.2628	-.2621	-.2635	-.2563	-.2685	-.2633	-.2634	-.2627	-.2629	-.2595	-.2645	-.2605	80.
90.	-.2166	-.2169	-.2184	-.2201	-.2201	-.2318	-.2310	-.2311	-.2375	-.2358	-.2344	-.2329	-.2318	90.
100.	.3558	.3597	.3436	.3391	.3648	.3467	.3438	.3433	.3517	.3345	.3354	.3558	.3697	100.
110.	.4566	.4677	.4679	.4676	.4666	.4764	.4734	.4731	.4698	.4628	.4573	.4666	.4654	110.
120.	.4976	.4964	.5042	.5041	.5072	.5111	.5092	.5112	.5067	.5016	.4997	.5090	.5050	120.
130.	.5257	.5067	.5193	.5206	.5257	.5299	.5277	.5304	.5290	.5208	.5213	.5319	.5303	130.
150.	.5527	.5321	.5376	.5382	.5419	.5470	.5485	.5481	.5434	.5482	.5668	.5477	.5551	150.
180.	.5644	.5545	.5571	.5581	.5536	.5677	.5693	.5680	.5648	.5668	.5818	.5830	.5757	180.
210.	.5948	.5710	.5743	.5740	.5757	.5953	.5965	.5846	.5749	.5822	.6081	.5948	.5969	210.
230.	.6031	.5826	.5902	.5955	.5995	.6140	.6098	.5998	.5951	.5928	.5898	.6162	.6153	230.
240.	.6039	.6034	.6009	.6044	.6140	.6191	.6124	.6074	.6047	.5939	.5955	.6206	.6268	240.
250.	.6093	.6159	.6063	.6106	.6279	.6258	.6152	.6190	.6101	.6058	.6086	.6319	.6225	250.
260.	.5820	.5759	.5760	.5782	.5933	.5746	.5760	.5748	.5750	.5743	.5826	.5873	.5902	260.
270.	.0245	.0200	.0247	.0159	.0110	-.0025	-.0035	-.0040	-.0116	-.0098	-.0057	-.0023	.0013	270.
280.	-.2714	-.2772	-.2772	-.2802	-.2773	-.2873	-.2898	-.2913	-.2928	-.2931	-.2950	-.2935	-.2901	280.
290.	-.2819	-.2821	-.2816	-.2857	-.2857	-.2834	-.2809	-.2869	-.2881	-.2873	-.2855	-.2825	-.2845	290.
300.	-.3240	-.3212	-.3193	-.3215	-.3254	-.3263	-.3255	-.3254	-.3307	-.3360	-.3351	-.3291	-.3244	300.
310.	-.3508	-.3368	-.3552	-.3532	-.3542	-.3521	-.3519	-.3557	-.3518	-.3566	-.3601	-.3609	-.3615	310.
330.	-.0683	-.0774	-.0765	-.0739	-.0793	-.0797	-.0801	-.0746	-.0738	-.0713	-.0655	-.0678	-.0644	330.

TABLE V. - CONTINUED

(E) MACH = 2.50, BETA = -.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.50 DEG								
0.	.1821	.1712		.1493	.1605	.1582	.1600	.1609	.2051	.1639	.1559	.1633	.1628	.1569
30.			.1500	.1514	.1577	.1579	.1593	.1622	.1611	.1584	.1633	.1618	.1583	.1628
50.	.1805	.1718	.1546	.1580	.1561	.1633	.1633	.1667	.1670	.1637	.1666	.1610	.1616	.1687
60.				.1653	.1608	.1594	.1669	.1711	.1692	.1684	.1665	.1603	.1726	.1716
70.		.1821	.1670	.1747	.1709	.1690	.1772	.1813	.1783	.1772	.1756	.1736	.1783	.1837
80.			.1938	.2001	.1985	.1925	.2036	.2037	.2061	.2071	.2040	.1975	.2019	.2037
90.	.1956	.1941	.1965	.1921	.1911	.1918	.1959	.1930	.1967	.1951	.1898	.1905	.1899	.1927
100.			.0543	.0466	.0427	.0396	.0496	.0479	.0503	.0489	.0500	.0508	.0511	.0507
110.		.0508	.0410	.0325	.0303	.0301	.0355	.0369	.0391	.0382	.0361	.0353	.0400	.0418
120.				.0331	.0317	.0326	.0393	.0399	.0398	.0416	.0406	.0390	.0469	.0465
130.	.0553	.0480	.0370	.0381	.0346	.0462	.0423	.0431	.0425	.0443	.0450	.0419	.0460	.0495
150.			.0367	.0390	.0374	.0395	.0442	.0448	.0433	.0435	.0474	.0442	.0434	.0490
180.	.0573	.0507		.0400	.0391	.0417	.0480	.0465	.1884	.0519	.0428	.0464	.0464	.0452
						FOR ALPHA = -2.50 DEG								
0.	.1475	.1367		.1191	.1225	.1274	.1284	.1295	.2110	.1319	.1240	.1281	.1295	.1259
30.			.1189	.1204	.1223	.1246	.1269	.1288	.1284	.1254	.1301	.1289	.1248	.1301
50.	.1460	.1370	.1229	.1244	.1254	.1307	.1308	.1313	.1328	.1315	.1328	.1276	.1299	.1357
60.				.1306	.1293	.1253	.1317	.1362	.1339	.1339	.1349	.1294	.1385	.1386
70.		.1500	.1338	.1370	.1371	.1354	.1412	.1443	.1441	.1429	.1415	.1409	.1471	.1498
80.			.1603	.1657	.1627	.1573	.1704	.1697	.1692	.1729	.1710	.1652	.1691	.1718
90.	.2052	.2038	.2061	.2032	.1992	.1996	.2045	.2037	.2095	.2056	.2022	.2018	.2022	.2075
100.			.0869	.0837	.0796	.0785	.0852	.0881	.0890	.0939	.0875	.0886	.0875	.0899
110.		.0753	.0683	.0620	.0621	.0600	.0667	.0687	.0685	.0689	.0673	.0648	.0721	.0707
120.				.0556	.0593	.0594	.0652	.0662	.0646	.0683	.0640	.0637	.0710	.0732
130.	.0792	.0704	.0590	.0580	.0591	.0701	.0656	.0676	.0682	.0667	.0674	.0642	.0666	.0721
150.			.0582	.0593	.0583	.0617	.0665	.0670	.0649	.0631	.0676	.0654	.0636	.0699
180.	.0800	.0724		.0587	.0612	.0614	.0690	.0673	.2079	.0717	.0631	.0681	.0686	.0649
						FOR ALPHA = -1.50 DEG								
0.	.1340	.1252		.1052	.1084	.1131	.1143	.1171	.2104	.1176	.1096	.1141	.1164	.1111
30.			.1053	.1037	.1095	.1113	.1152	.1143	.1149	.1110	.1189	.1151	.1126	.1161
50.	.1328	.1229	.1105	.1117	.1110	.1160	.1151	.1168	.1189	.1151	.1187	.1130	.1188	.1233
60.				.1135	.1156	.1112	.1194	.1209	.1200	.1185	.1207	.1138	.1241	.1232
70.		.1354	.1208	.1210	.1219	.1166	.1257	.1274	.1308	.1282	.1269	.1271	.1290	.1332
80.			.1512	.1498	.1468	.1397	.1545	.1520	.1533	.1552	.1557	.1501	.1569	.1557
90.	.2088	.2075	.2101	.2063	.2049	.2058	.2077	.2088	.2082	.2084	.2075	.2074	.2048	.2118
100.			.1037	.0974	.0957	.1004	.1064	.1100	.1050	.1057	.1086	.1011	.1059	.1050
110.		.0900	.0794	.0711	.0753	.0815	.0840	.0845	.0854	.0838	.0815	.0812	.0807	.0851
120.				.0695	.0715	.0745	.0797	.0791	.0782	.0836	.0779	.0783	.0830	.0816
130.	.0928	.0833	.0723	.0708	.0694	.0817	.0764	.0762	.0805	.0826	.0802	.0753	.0793	.0833
150.			.0715	.0661	.0688	.0753	.0768	.0772	.0773	.0768	.0792	.0748	.0737	.0826
180.	.0930	.0848		.0692	.0685	.0744	.0762	.0784	.2060	.0829	.0729	.0754	.0785	.0793
						FOR ALPHA = -.50 DEG								
0.	.1178	.1093		.0918	.0942	.0972	.1004	.1031	.2082	.1045	.0977	.1015	.1026	.0983
30.			.0923	.0931	.0969	.0966	.1009	.1025	.0999	.0954	.1040	.1007	.0995	.1041
50.	.1171	.1071	.0957	.0970	.0968	.1030	.1030	.1034	.1045	.1014	.1036	.0999	.1041	.1099
60.				.0991	.0996	.0923	.1045	.1055	.1056	.1054	.1067	.1010	.1093	.1100
70.		.1197	.1047	.1061	.1047	.1018	.1092	.1125	.1140	.1133	.1112	.1096	.1161	.1192
80.			.1333	.1328	.1303	.1258	.1386	.1365	.1352	.1392	.1357	.1325	.1393	.1388
90.	.2095	.2079	.2105	.2092	.2037	.2072	.2089	.2107	.2131	.2117	.2071	.2072	.2084	.2125
100.			.1204	.1204	.1169	.1150	.1232	.1254	.1234	.1315	.1183	.1191	.1215	.1297
110.		.1053	.0940	.0924	.0917	.0930	.0962	.1013	.1012	.1030	.0942	.0967	.1016	.1055
120.				.0857	.0858	.0879	.0923	.0958	.0946	.0965	.0915	.0892	.0959	.1004
130.	.1031	.0953	.0856	.0817	.0864	.0927	.0884	.0935	.0941	.0943	.0915	.0885	.0911	.0987
150.			.0821	.0816	.0847	.0814	.0880	.0898	.0892	.0916	.0928	.0895	.0871	.0932
180.	.1037	.0980		.0810	.0847	.0828	.0883	.0878	.2181	.0950	.0858	.0908	.0913	.0897
						FOR ALPHA = .50 DEG								
0.	.1035	.0930		.0779	.0801	.0839	.0886	.0882	.2045	.0925	.0844	.0898	.0893	.0883
30.			.0777	.0771	.0788	.0834	.0866	.0888	.0862	.0856	.0890	.0892	.0864	.0925
50.	.1037	.0930	.0808	.0802	.0812	.0897	.0878	.0899	.0895	.0904	.0913	.0885	.0903	.0956
60.				.0825	.0835	.0813	.0873	.0920	.0902	.0931	.0909	.0876	.0943	.0970
70.		.1022	.0931	.0889	.0873	.0878	.0938	.0978	.0967	.0967	.0952	.0944	.0981	.0996
80.			.1147	.1136	.1100	.1078	.1178	.1183	.1164	.1228	.1212	.1194	.1200	.1213
90.	.2075	.2080	.2082	.2061	.2017	.2052	.2091	.2100	.2118	.2105	.2099	.2091	.2093	.2124
100.			.1413	.1400	.1350	.1335	.1462	.1416	.1418	.1456	.1436	.1408	.1449	.1446
110.		.1241	.1103	.1109	.1103	.1096	.1147	.1156	.1200	.1150	.1150	.1125	.1175	.1207
120.				.1001	.1011	.1011	.1061	.1105	.1085	.1110	.1105	.1021	.1111	.1120
130.	.1175	.1101	.0974	.0990	.0985	.1055	.1048	.1087	.1093	.1084	.1081	.1017	.1073	.1084
150.			.0930	.0942	.0977	.0970	.1034	.1044	.1015	.1026	.1070	.1043	.1003	.1070
180.	.1191	.1105		.0935	.0966	.0999	.1027	.1039	.2191	.1074	.1016	.1069	.1058	.1030
						FOR ALPHA = 1.50 DEG								
0.	.0887	.0803		.0663	.0654	.0707	.0750	.0751	.2012	.0797	.0736	.0755	.0807	.0753
30.			.0651	.0670	.0669	.0697	.0737	.0749	.0760	.0741	.0778	.0757	.0744	.0795
50.	.0892	.0797	.0686	.0661	.0670	.0768	.0748	.0743	.0802	.0777	.0783	.0744	.0790	.0805
60.				.0677	.0702	.0675	.0743	.0769	.0769	.0795	.0794	.0746	.0814	.0819
70.		.0887	.0769	.0689	.0747	.0706	.0781	.0800	.0830	.0790	.0812	.0792	.0850	.0847
80.			.0960	.0940	.0920	.0894	.1024	.1004	.0994	.1030	.1020	.0997	.1005	.1015
90.	.2059	.2045	.2070	.2030	.2020	.2025	.2061	.2088	.2122	.2084	.2050	.2076	.2058	.2104
100.			.1513	.1513	.1531	.1485	.1615	.1586	.1629	.1649	.1607	.1576	.1622	.1598
110.		.1382	.1233	.1251	.1269	.1234	.1303	.1328	.1360	.1330	.1286	.1316	.1364	.1367
120.				.1168	.1145	.1132	.1209	.1218	.1240	.1244	.1249	.1172	.1290	.1284
130.	.1335	.1246	.1125	.1126	.1106	.1211	.1174	.1206	.1236	.1218	.1241	.1185	.1215	.1244
150.			.1058	.1075	.1103	.1123	.1140	.1183	.1143	.1141	.1213	.1167	.1156	.1203
180.	.1345	.1244		.1068	.1110	.1141	.1169	.1173	.2232	.1220	.1120	.1199	.1214	.1163

TABLE V. - CONTINUED

(E) MACH = 2.50, BETA = -.02 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.50 DEG								
0.	.1578	.1529	.1530	.1555	.1428	.1439	.1448	.1445	.1470	.1456	.1552	.1616	.1620	0.
30.	.1586	.1511	.1563	.1552	.1485	.1463	.1462	.1474	.1485	.1479	.1571	.1592	.1612	30.
50.	.1648	.1553	.1557	.1600	.1513	.1526	.1555	.1572	.1520	.1532	.1518	.1595	.1626	50.
60.	.1648	.1619	.1633	.1624	.1565	.1576	.1586	.1600	.1554	.1592	.1575	.1566	.1617	60.
70.	.1777	.1763	.1761	.1783	.1737	.1694	.1732	.1711	.1663	.1665	.1650	.1763	.1742	70.
80.	.2079	.2036	.2014	.1974	.2097	.1926	.1958	.1934	.1910	.1942	.1961	.1969	.2017	80.
90.	.1955	.1929	.1906	.1870	.1874	.1804	.1831	.1844	.1792	.1819	.1769	.1891	.1864	90.
100.	.0582	.0527	.0463	.0411	.0485	.0368	.0381	.0409	.0365	.0387	.0376	.0415	.0432	100.
110.	.0389	.0410	.0398	.0401	.0397	.0386	.0377	.0376	.0341	.0333	.0325	.0391	.0363	110.
120.	.0413	.0424	.0427	.0400	.0368	.0373	.0358	.0362	.0351	.0358	.0333	.0355	.0389	120.
130.	.0466	.0413	.0408	.0418	.0370	.0386	.0376	.0376	.0372	.0372	.0337	.0381	.0418	130.
150.	.0457	.0409	.0433	.0415	.0385	.0394	.0377	.0372	.0371	.0355	.0402	.0422	.0457	150.
180.	.0445	.0402	.0429	.0444	.0351	.0359	.0371	.0363	.0357	.0355	.0392	.0426	.0455	180.
						FOR ALPHA = -2.50 DEG								
0.	.1260	.1213	.1235	.1253	.1130	.1139	.1160	.1146	.1154	.1147	.1235	.1301	.1302	0.
30.	.1283	.1227	.1252	.1243	.1175	.1152	.1160	.1169	.1178	.1188	.1242	.1279	.1318	30.
50.	.1327	.1258	.1271	.1283	.1195	.1196	.1225	.1245	.1205	.1223	.1208	.1263	.1308	50.
60.	.1326	.1299	.1319	.1302	.1241	.1272	.1245	.1272	.1243	.1256	.1242	.1261	.1301	60.
70.	.1445	.1425	.1420	.1432	.1409	.1363	.1396	.1365	.1323	.1350	.1332	.1416	.1420	70.
80.	.1754	.1737	.1669	.1654	.1771	.1609	.1618	.1609	.1577	.1605	.1635	.1656	.1689	80.
90.	.2092	.2028	.2051	.2011	.2016	.1939	.1963	.1972	.1961	.1963	.1914	.1992	.1974	90.
100.	.0964	.0924	.0890	.0848	.0885	.0769	.0799	.0788	.0783	.0805	.0768	.0842	.0811	100.
110.	.0702	.0710	.0703	.0715	.0698	.0674	.0672	.0644	.0635	.0598	.0609	.0666	.0691	110.
120.	.0655	.0669	.0667	.0642	.0608	.0624	.0616	.0618	.0574	.0590	.0579	.0580	.0624	120.
130.	.0702	.0631	.0643	.0627	.0581	.0597	.0611	.0617	.0590	.0576	.0547	.0592	.0645	130.
150.	.0644	.0613	.0636	.0643	.0569	.0579	.0564	.0575	.0584	.0562	.0614	.0632	.0648	150.
180.	.0645	.0605	.0623	.0647	.0549	.0547	.0574	.0544	.0554	.0547	.0600	.0643	.0652	180.
						FOR ALPHA = -1.50 DEG								
0.	.1124	.1074	.1121	.1123	.0998	.1019	.1004	.1009	.1042	.1036	.1087	.1168	.1161	0.
30.	.1147	.1075	.1110	.1092	.1044	.1013	.1048	.1026	.1035	.1040	.1098	.1140	.1152	30.
50.	.1193	.1131	.1104	.1130	.1070	.1088	.1083	.1113	.1067	.1106	.1065	.1130	.1149	50.
60.	.1188	.1152	.1195	.1149	.1089	.1118	.1101	.1129	.1078	.1121	.1093	.1135	.1161	60.
70.	.1308	.1307	.1261	.1284	.1247	.1240	.1242	.1227	.1162	.1199	.1165	.1262	.1246	70.
80.	.1580	.1565	.1509	.1495	.1571	.1450	.1450	.1479	.1423	.1465	.1483	.1467	.1508	80.
90.	.2120	.2088	.2069	.2056	.2073	.2003	.1998	.1985	.1977	.2002	.1954	.2037	.2003	90.
100.	.1152	.1085	.0988	.1017	.1165	.1006	.0961	.1003	.0973	.1001	.0990	.0949	.1004	100.
110.	.0883	.0852	.0828	.0849	.0865	.0827	.0800	.0778	.0791	.0770	.0786	.0832	.0803	110.
120.	.0798	.0761	.0793	.0755	.0735	.0737	.0697	.0740	.0739	.0743	.0695	.0738	.0772	120.
130.	.0815	.0751	.0715	.0740	.0718	.0707	.0711	.0732	.0724	.0713	.0656	.0714	.0800	130.
150.	.0766	.0747	.0742	.0719	.0691	.0662	.0670	.0664	.0706	.0679	.0709	.0757	.0813	150.
180.	.0766	.0714	.0741	.0750	.0650	.0659	.0636	.0640	.0692	.0662	.0713	.0773	.0796	180.
						FOR ALPHA = -.50 DEG								
0.	.0989	.0952	.0977	.0996	.0885	.0884	.0907	.0899	.0890	.0884	.0961	.1001	.0987	0.
30.	.1026	.0957	.0971	.0964	.0901	.0888	.0915	.0907	.0908	.0912	.0960	.0990	.1006	30.
50.	.1065	.0985	.0994	.1011	.0930	.0949	.0970	.0966	.0914	.0947	.0905	.0978	.1008	50.
60.	.1028	.1011	.1055	.1016	.0967	.1000	.0973	.0990	.0941	.0962	.0948	.0974	.1009	60.
70.	.1137	.1140	.1131	.1118	.1077	.1082	.1089	.1087	.1034	.1047	.1022	.1092	.1093	70.
80.	.1432	.1427	.1354	.1326	.1391	.1279	.1289	.1308	.1267	.1290	.1291	.1301	.1348	80.
90.	.2142	.2106	.2102	.2088	.2090	.2030	.2032	.2018	.2012	.1987	.1965	.2068	.2018	90.
100.	.1317	.1262	.1243	.1187	.1322	.1136	.1178	.1165	.1179	.1139	.1172	.1180	.1224	100.
110.	.0961	.0993	.0982	.0988	.1027	.0965	.0983	.0963	.0920	.0903	.0915	.0966	.0999	110.
120.	.0884	.0890	.0903	.0925	.0861	.0868	.0874	.0876	.0859	.0842	.0837	.0847	.0914	120.
130.	.0916	.0876	.0874	.0902	.0789	.0829	.0839	.0849	.0866	.0836	.0801	.0851	.0895	130.
150.	.0881	.0845	.0855	.0882	.0772	.0775	.0768	.0815	.0802	.0785	.0862	.0873	.0913	150.
180.	.0870	.0839	.0859	.0893	.0746	.0775	.0781	.0782	.0745	.0766	.0824	.0875	.0928	180.
						FOR ALPHA = .50 DEG								
0.	.0870	.0838	.0844	.0866	.0759	.0765	.0763	.0746	.0798	.0778	.0848	.0881	.0899	0.
30.	.0876	.0824	.0836	.0847	.0791	.0789	.0777	.0775	.0801	.0799	.0859	.0871	.0908	30.
50.	.0925	.0859	.0844	.0852	.0815	.0815	.0836	.0833	.0817	.0816	.0805	.0852	.0895	50.
60.	.0908	.0902	.0906	.0873	.0832	.0855	.0848	.0845	.0837	.0855	.0842	.0843	.0877	60.
70.	.0998	.0980	.0972	.0961	.0959	.0914	.0952	.0930	.0899	.0890	.0890	.0944	.0960	70.
80.	.1259	.1228	.1185	.1138	.1250	.1114	.1131	.1118	.1094	.1124	.1127	.1136	.1154	80.
90.	.2155	.2084	.2105	.2086	.2093	.2014	.2028	.2023	.1999	.2024	.1987	.2054	.2012	90.
100.	.1492	.1488	.1448	.1398	.1498	.1342	.1338	.1373	.1305	.1362	.1339	.1343	.1400	100.
110.	.1151	.1189	.1173	.1136	.1153	.1111	.1153	.1114	.1082	.1100	.1048	.1129	.1130	110.
120.	.1063	.1050	.1077	.1037	.0996	.1035	.1033	.1037	.0999	.1004	.0965	.0999	.1016	120.
130.	.1084	.0997	.0998	.1021	.0941	.0992	.0996	.0978	.0973	.0967	.0943	.0975	.1041	130.
150.	.1045	.0960	.0981	.0988	.0930	.0917	.0927	.0918	.0926	.0935	.1008	.1022	.1050	150.
180.	.1014	.0957	.1002	.0987	.0897	.0894	.0902	.0893	.0888	.0910	.0969	.0997	.1036	180.
						FOR ALPHA = 1.50 DEG								
0.	.0745	.0702	.0743	.0728	.0653	.0654	.0674	.0649	.0660	.0649	.0705	.0766	.0772	0.
30.	.0769	.0709	.0726	.0719	.0669	.0659	.0654	.0656	.0671	.0681	.0707	.0772	.0777	30.
50.	.0810	.0740	.0744	.0737	.0678	.0687	.0703	.0726	.0697	.0685	.0660	.0718	.0755	50.
60.	.0769	.0757	.0766	.0739	.0699	.0735	.0696	.0750	.0704	.0715	.0685	.0705	.0718	60.
70.	.0827	.0824	.0816	.0835	.0822	.0786	.0798	.0786	.0746	.0758	.0733	.0788	.0785	70.
80.	.1080	.1068	.0977	.0998	.1057	.0930	.0933	.0961	.0899	.0960	.0942	.0983	.0969	80.
90.	.2120	.2074	.2073	.2057	.2055	.2003	.2006	.2005	.1987	.1993	.1952	.2026	.1975	90.
100.	.1677	.1623	.1602	.1574	.1660	.1520	.1505	.1548	.1496	.1493	.1544	.1549	.1540	100.
110.	.1322	.1298	.1326	.1286	.1277	.1264	.1259	.1269	.1223	.1240	.1199	.1314	.1297	110.
120.	.1210	.1192	.1213	.1160	.1150	.1147	.1156	.1186	.1142	.1158	.1122	.1137	.1163	120.
130.	.1199	.1153	.1156	.1151	.1085	.1087	.1137	.1111	.1091	.1106	.1050	.1119	.1159	130.
150.	.1171	.1095	.1148	.1135	.1066	.1053	.1060	.1037	.1074	.1039	.1124	.1157	.1174	150.
180.	.1157	.1108	.1136	.1136	.1007	.1045	.1048	.1020	.1031	.1005	.1109	.1121	.1146	180.

TABLE V. - CONTINUED

(E) MACH = 2.50, BETA = -.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.50 DEG								
0.	.0783	.0683		.0537	.0545	.0603	.0646	.0644	.1939	.0710	.0616	.0664	.0667	.0649
30.			.0536	.0530	.0544	.0586	.0640	.0650	.0628	.0639	.0683	.0658	.0629	.0689
50.	.0779	.0678	.0556	.0531	.0559	.0669	.0617	.0646	.0662	.0669	.0677	.0640	.0677	.0700
60.				.0522	.0529	.0554	.0629	.0651	.0638	.0672	.0647	.0621	.0698	.0699
70.		.0731	.0625	.0554	.0554	.0566	.0644	.0662	.0689	.0658	.0635	.0628	.0678	.0708
80.			.0816	.0776	.0721	.0717	.0822	.0820	.0840	.0857	.0852	.0816	.0824	.0874
90.	.2032	.2005	.2029	.2005	.1963	.1985	.2018	.2023	.2068	.2048	.2034	.2024	.2031	.2052
100.			.1688	.1672	.1697	.1650	.1753	.1776	.1769	.1777	.1785	.1742	.1804	.1777
110.		.1531	.1383	.1404	.1389	.1407	.1443	.1487	.1507	.1507	.1475	.1439	.1525	.1527
120.				.1331	.1323	.1323	.1351	.1373	.1383	.1387	.1380	.1329	.1418	.1405
130.	.1513	.1389	.1244	.1281	.1263	.1354	.1355	.1352	.1343	.1358	.1363	.1323	.1354	.1410
150.			.1209	.1223	.1236	.1304	.1300	.1319	.1302	.1310	.1338	.1306	.1297	.1336
180.	.1516	.1387		.1183	.1229	.1299	.1315	.1319	.2196	.1349	.1287	.1326	.1325	.1302
						FOR ALPHA = 3.50 DEG								
0.	.0672	.0610		.0466	.0461	.0479	.0542	.0538	.1823	.0613	.0520	.0540	.0568	.0545
30.			.0441	.0461	.0450	.0476	.0520	.0532	.0528	.0523	.0573	.0536	.0512	.0581
50.	.0659	.0595	.0469	.0446	.0437	.0560	.0517	.0518	.0547	.0557	.0566	.0520	.0556	.0600
60.				.0406	.0425	.0436	.0508	.0509	.0497	.0533	.0512	.0497	.0565	.0569
70.		.0611	.0509	.0427	.0427	.0431	.0504	.0510	.0523	.0520	.0479	.0474	.0521	.0538
80.			.0662	.0604	.0541	.0540	.0619	.0626	.0635	.0649	.0621	.0625	.0626	.0643
90.	.1997	.1971	.2000	.1966	.1941	.1952	.1967	.1978	.2004	.1989	.1963	.1962	.1943	.1987
100.			.1838	.1870	.1878	.1858	.1948	.1934	.1965	.1967	.1928	.1929	.1909	.1956
110.		.1733	.1549	.1575	.1579	.1553	.1653	.1631	.1674	.1662	.1639	.1631	.1657	.1708
120.				.1471	.1477	.1444	.1541	.1542	.1547	.1574	.1568	.1493	.1609	.1580
130.	.1647	.1587	.1409	.1405	.1421	.1477	.1507	.1507	.1518	.1493	.1556	.1444	.1506	.1563
150.			.1371	.1351	.1399	.1410	.1455	.1451	.1465	.1421	.1510	.1469	.1458	.1517
180.	.1654	.1569		.1346	.1406	.1423	.1478	.1441	.2186	.1473	.1423	.1473	.1494	.1442
						FOR ALPHA = 5.50 DEG								
0.	.0465	.0380		.0287	.0308	.0312	.0350	.0358	.1600	.0426	.0318	.0376	.0373	.0356
30.			.0255	.0277	.0283	.0285	.0341	.0356	.0333	.0328	.0365	.0353	.0329	.0380
50.	.0440	.0363	.0254	.0271	.0243	.0350	.0294	.0333	.0337	.0346	.0332	.0315	.0333	.0377
60.				.0244	.0216	.0213	.0239	.0274	.0280	.0305	.0300	.0260	.0337	.0347
70.		.0342	.0214	.0198	.0165	.0169	.0160	.0206	.0212	.0226	.0194	.0211	.0246	.0288
80.			.0295	.0236	.0202	.0168	.0219	.0198	.0215	.0244	.0232	.0189	.0222	.0253
90.	.1890	.1840	.1865	.1798	.1809	.1827	.1847	.1829	.1843	.1840	.1807	.1805	.1789	.1802
100.			.2132	.2188	.2179	.2109	.2251	.2265	.2261	.2314	.2289	.2206	.2275	.2290
110.		.2042	.1916	.1948	.1932	.1917	.1953	.2013	.2000	.2013	.2020	.1983	.2015	.2042
120.				.1850	.1785	.1833	.1870	.1891	.1876	.1864	.1879	.1829	.1922	.1922
130.	.1965	.1869	.1751	.1801	.1778	.1773	.1812	.1855	.1874	.1856	.1841	.1800	.1830	.1915
150.			.1709	.1737	.1744	.1711	.1753	.1808	.1772	.1795	.1825	.1790	.1767	.1811
180.	.1997	.1887		.1645	.1779	.1738	.1745	.1802	.2086	.1784	.1726	.1819	.1844	.1804
						FOR ALPHA = 10.51 DEG								
0.	.0005	-.0040		-.0088	-.0092	-.0083	-.0045	-.0040	.1044	.0063	-.0044	-.0022	-.0007	-.0027
30.			-.0127	-.0095	-.0096	-.0088	-.0063	-.0051	-.0055	-.0061	-.0034	-.0066	-.0062	-.0025
50.	-.0079	-.0225	-.0308	-.0371	-.0314	-.0060	-.0132	-.0127	-.0117	-.0127	-.0127	-.0155	-.0128	-.0100
60.				-.0354	-.0468	-.0456	-.0473	-.0387	-.0287	-.0266	-.0243	-.0248	-.0199	-.0192
70.		-.0237	-.0373	-.0490	-.0545	-.0593	-.0630	-.0656	-.0668	-.0677	-.0679	-.0696	-.0689	-.0633
80.			-.0576	-.0682	-.0728	-.0800	-.0784	-.0827	-.0869	-.0881	-.0905	-.0913	-.0918	-.0882
90.	.1522	.1431	.1478	.1332	.1379	.1408	.1475	.1418	.1405	.1428	.1357	.1336	.1318	.1378
100.			.3036	.3033	.2975	.2906	.3072	.3111	.2980	.3112	.3049	.2986	.3079	.3048
110.		.2978	.2909	.2888	.2837	.2815	.2911	.2998	.2906	.2956	.2949	.2930	.2941	.3015
120.				.2791	.2757	.2743	.2831	.2866	.2837	.2867	.2874	.2822	.2836	.2912
130.	.2901	.2818	.2713	.2761	.2717	.2726	.2758	.2815	.2815	.2800	.2838	.2810	.2763	.2911
150.			.2660	.2742	.2705	.2658	.2720	.2776	.2734	.2741	.2834	.2794	.2742	.2854
180.	.2919	.2821		.2692	.2715	.2665	.2706	.2771	.1765	.2761	.2702	.2805	.2787	.2754
						FOR ALPHA = 15.50 DEG								
0.	-.0323	-.0368		-.0369	-.0342	-.0381	-.0363	-.0351	.0622	-.0241	-.0372	-.0341	-.0314	-.0332
30.			-.0496	-.0398	-.0371	-.0381	-.0371	-.0369	-.0377	-.0391	-.0344	-.0342	-.0348	-.0315
50.	-.0721	-.0969	-.1101	-.1186	-.1229	-.1122	-.1305	-.1275	-.1239	-.1193	-.1198	-.1190	-.1163	-.1112
60.				-.1110	-.1187	-.1283	-.1302	-.1245	-.1228	-.1243	-.1254	-.1271	-.1255	-.1256
70.		-.0924	-.1010	-.1103	-.1151	-.1186	-.1223	-.1233	-.1240	-.1248	-.1263	-.1264	-.1249	-.1216
80.			-.1154	-.1191	-.1255	-.1228	-.1224	-.1242	-.1253	-.1266	-.1283	-.1283	-.1265	-.1243
90.	.1206	.1023	.1126	.0888	.0984	.1079	.1122	.1055	.1064	.1026	.0952	.0910	.0914	.0929
100.			.3833	.3848	.3765	.3745	.3956	.3902	.3890	.3924	.3864	.3850	.3869	.3884
110.		.4085	.3948	.3885	.3907	.3891	.4005	.4053	.3973	.4062	.4029	.3975	.4122	.4071
120.				.3875	.3925	.3892	.3992	.3965	.3934	.4022	.4075	.3907	.4063	.4049
130.	.4062	.3931	.3908	.3876	.3873	.3902	.3963	.3920	.3965	.3962	.4009	.3948	.3919	.4079
150.			.3666	.3940	.3841	.3867	.3900	.3920	.3955	.3931	.4047	.3945	.3870	.4026
180.	.4096	.3964		.3907	.3847	.3851	.3912	.3933	.1506	.3971	.3908	.3940	.3980	.3924
						FOR ALPHA = 20.49 DEG								
0.	-.0670	-.0701		-.0661	-.0665	-.0671	-.0684	-.0667	.0209	-.0492	-.0652	-.0637	-.0610	-.0633
30.			-.1003	-.0806	-.0790	-.0787	-.0796	-.0783	-.0794	-.0796	-.0743	-.0767	-.0757	-.0724
50.	-.1318	-.1447	-.1490	-.1582	-.1617	-.1347	-.1646	-.1663	-.1668	-.1680	-.1665	-.1669	-.1655	-.1654
60.				-.1547	-.1594	-.1596	-.1614	-.1635	-.1654	-.1655	-.1651	-.1653	-.1639	-.1618
70.		-.1328	-.1460	-.1474	-.1526	-.1543	-.1574	-.1580	-.1577	-.1585	-.1591	-.1581	-.1570	-.1538
80.			-.1516	-.1536	-.1571	-.1577	-.1543	-.1542	-.1544	-.1548	-.1564	-.1555	-.1549	-.1524
90.	.0896	.0711	.0774	.0527	.0632	.0660	.0759	.0719	.0699	.0676	.0627	.0615	.0589	.0604
100.			.4715	.4757	.4679	.4592	.4784	.4802	.4736	.4748	.4703	.4735	.4806	.4736
110.		.5187	.5236	.5144	.5147	.5072	.5278	.5339	.5291	.5181	.5228	.5205	.5281	.5296
120.				.5223	.5117	.5207	.5277	.5342	.5300	.5305	.5287	.5220	.5410	.5398
130.	.5338	.5286	.5274	.5275	.5149	.5251	.5321	.5349	.5388	.5284	.5393	.5321	.5391	.5427
150.			.5134	.5243	.5122	.5209	.5303	.5350	.5286	.5273	.5370	.5366	.5273	.5426
180.	.5472	.5301		.5275	.5147	.5253	.5350	.5408	.1190	.5369	.5269	.5385	.5416	.5297

TABLE V. - CONTINUED

(E) MACH = 2.50, BETA = -.02 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.	.0647	.0608	.0636	.0629	.0527	.0538	.0559	.0552	.0565	.0558	.0614	.0644	.0680	0.
30.	.0646	.0600	.0628	.0615	.0573	.0555	.0550	.0576	.0593	.0560	.0622	.0640	.0675	30.
50.	.0674	.0619	.0615	.0630	.0569	.0588	.0599	.0595	.0589	.0597	.0563	.0595	.0656	50.
60.	.0656	.0636	.0644	.0639	.0593	.0596	.0593	.0601	.0582	.0608	.0572	.0595	.0617	60.
70.	.0680	.0694	.0681	.0677	.0687	.0659	.0666	.0631	.0615	.0614	.0591	.0667	.0653	70.
80.	.0919	.0849	.0814	.0772	.0863	.0754	.0748	.0774	.0729	.0756	.0756	.0778	.0802	80.
90.	.2088	.2036	.2020	.1997	.2012	.1953	.1979	.1979	.1938	.1952	.1907	.1980	.1968	90.
100.	.1848	.1833	.1739	.1693	.1834	.1636	.1679	.1694	.1684	.1690	.1677	.1714	.1701	100.
110.	.1533	.1493	.1488	.1488	.1482	.1402	.1397	.1415	.1376	.1378	.1373	.1449	.1430	110.
120.	.1378	.1351	.1375	.1317	.1296	.1329	.1290	.1293	.1282	.1284	.1267	.1281	.1336	120.
130.	.1374	.1277	.1302	.1292	.1261	.1250	.1279	.1283	.1271	.1240	.1185	.1269	.1305	130.
150.	.1295	.1252	.1267	.1250	.1213	.1194	.1202	.1181	.1211	.1209	.1259	.1269	.1315	150.
180.	.1292	.1240	.1271	.1288	.1162	.1164	.1185	.1149	.1201	.1161	.1247	.1295	.1332	180.
						FOR ALPHA = 3.50 DEG								
0.	.0546	.0497	.0517	.0532	.0427	.0441	.0451	.0437	.0459	.0451	.0502	.0544	.0569	0.
30.	.0537	.0493	.0512	.0500	.0453	.0450	.0444	.0454	.0492	.0479	.0500	.0551	.0574	30.
50.	.0558	.0511	.0498	.0502	.0451	.0466	.0473	.0480	.0464	.0497	.0450	.0482	.0540	50.
60.	.0517	.0511	.0518	.0496	.0474	.0490	.0460	.0488	.0456	.0488	.0461	.0470	.0510	60.
70.	.0520	.0534	.0526	.0532	.0530	.0526	.0514	.0478	.0457	.0462	.0462	.0507	.0506	70.
80.	.0729	.0684	.0607	.0594	.0653	.0562	.0548	.0561	.0543	.0551	.0563	.0573	.0585	80.
90.	.2005	.1981	.1966	.1938	.1955	.1863	.1888	.1896	.1880	.1851	.1843	.1907	.1878	90.
100.	.1987	.1984	.1903	.1885	.1979	.1867	.1827	.1874	.1833	.1852	.1854	.1838	.1866	100.
110.	.1656	.1651	.1613	.1655	.1603	.1592	.1579	.1574	.1569	.1558	.1522	.1634	.1590	110.
120.	.1512	.1525	.1487	.1493	.1431	.1477	.1443	.1467	.1423	.1474	.1390	.1427	.1468	120.
130.	.1530	.1438	.1421	.1454	.1372	.1398	.1402	.1442	.1389	.1398	.1341	.1422	.1483	130.
150.	.1481	.1402	.1446	.1412	.1344	.1357	.1309	.1344	.1328	.1340	.1391	.1419	.1450	150.
180.	.1474	.1360	.1410	.1431	.1303	.1316	.1305	.1299	.1291	.1291	.1360	.1449	.1442	180.
						FOR ALPHA = 5.50 DEG								
0.	.0330	.0313	.0326	.0346	.0246	.0260	.0256	.0255	.0257	.0258	.0303	.0338	.0367	0.
30.	.0337	.0289	.0314	.0318	.0276	.0258	.0258	.0269	.0287	.0260	.0317	.0329	.0368	30.
50.	.0328	.0297	.0277	.0297	.0247	.0259	.0269	.0267	.0253	.0260	.0232	.0269	.0307	50.
60.	.0284	.0258	.0277	.0267	.0248	.0234	.0247	.0245	.0228	.0223	.0220	.0226	.0268	60.
70.	.0252	.0260	.0257	.0238	.0224	.0210	.0222	.0196	.0162	.0164	.0154	.0210	.0217	70.
80.	.0346	.0241	.0233	.0184	.0256	.0111	.0151	.0145	.0141	.0106	.0130	.0128	.0162	80.
90.	.1822	.1778	.1795	.1764	.1773	.1706	.1694	.1737	.1706	.1696	.1672	.1718	.1698	90.
100.	.2282	.2268	.2236	.2210	.2360	.2139	.2143	.2167	.2163	.2186	.2211	.2176	.2187	100.
110.	.1974	.1981	.2003	.1975	.2003	.1935	.1909	.1903	.1859	.1870	.1872	.1954	.1953	110.
120.	.1878	.1822	.1872	.1865	.1744	.1788	.1795	.1824	.1791	.1782	.1750	.1760	.1828	120.
130.	.1895	.1779	.1772	.1783	.1683	.1720	.1776	.1748	.1768	.1733	.1675	.1755	.1778	130.
150.	.1788	.1738	.1744	.1742	.1689	.1638	.1676	.1703	.1638	.1651	.1749	.1788	.1820	150.
180.	.1771	.1727	.1736	.1775	.1654	.1648	.1638	.1619	.1618	.1610	.1734	.1757	.1831	180.
						FOR ALPHA = 10.51 DEG								
0.	-.0054	-.0083	-.0065	-.0056	-.0119	-.0115	-.0109	-.0110	-.0096	-.0115	-.0096	-.0041	-.0018	0.
30.	-.0061	-.0097	-.0089	-.0095	-.0118	-.0115	-.0129	-.0117	-.0075	-.0121	-.0102	-.0096	-.0055	30.
50.	-.0127	-.0159	-.0174	-.0156	-.0188	-.0171	-.0172	-.0161	-.0174	-.0190	-.0245	-.0185	-.0147	50.
60.	-.0235	-.0244	-.0253	-.0255	-.0249	-.0252	-.0271	-.0264	-.0278	-.0281	-.0290	-.0288	-.0262	60.
70.	-.0647	-.0614	-.0625	-.0571	-.0562	-.0564	-.0558	-.0517	-.0537	-.0542	-.0539	-.0526	-.0524	70.
80.	-.0733	-.0898	-.0954	-.0972	-.0963	-.1050	-.1050	-.1047	-.1073	-.1073	-.1082	-.1080	-.1026	80.
90.	.1376	.1330	.1299	.1293	.1246	.1224	.1225	.1203	.1178	.1218	.1193	.1240	.1266	90.
100.	.3058	.3067	.3009	.2945	.3147	.2934	.2998	.2926	.2935	.2941	.2977	.2948	.3067	100.
110.	.2910	.2939	.2951	.2931	.2898	.2890	.2897	.2864	.2848	.2835	.2818	.2793	.2866	110.
120.	.2831	.2787	.2850	.2790	.2703	.2753	.2745	.2744	.2725	.2745	.2735	.2677	.2782	120.
130.	.2857	.2740	.2723	.2756	.2634	.2704	.2752	.2701	.2686	.2704	.2649	.2723	.2804	130.
150.	.2793	.2729	.2661	.2715	.2621	.2600	.2644	.2627	.2595	.2599	.2714	.2716	.2772	150.
180.	.2754	.2728	.2679	.2752	.2570	.2614	.2595	.2555	.2562	.2577	.2721	.2719	.2780	180.
						FOR ALPHA = 15.50 DEG								
0.	-.0343	-.0371	-.0356	-.0348	-.0405	-.0407	-.0399	-.0399	-.0396	-.0428	-.0397	-.0346	-.0330	0.
30.	-.0357	-.0384	-.0372	-.0380	-.0385	-.0388	-.0395	-.0389	-.0342	-.0413	-.0374	-.0342	-.0334	30.
50.	-.1134	-.1137	-.1168	-.1146	-.1145	-.1159	-.1178	-.1149	-.1156	-.1192	-.1198	-.1191	-.1155	50.
60.	-.1301	-.1312	-.1311	-.1307	-.1241	-.1294	-.1292	-.1282	-.1304	-.1304	-.1295	-.1294	-.1262	60.
70.	-.1257	-.1264	-.1280	-.1271	-.1274	-.1278	-.1280	-.1310	-.1329	-.1331	-.1330	-.1295	-.1283	70.
80.	-.1021	-.1247	-.1251	-.1261	-.1259	-.1319	-.1317	-.1322	-.1334	-.1332	-.1337	-.1339	-.1355	80.
90.	.0934	.0935	.0917	.0877	.0808	.0733	.0764	.0753	.0728	.0763	.0778	.0828	.0836	90.
100.	.3914	.3915	.3778	.3751	.3987	.3752	.3785	.3717	.3798	.3799	.3794	.3920	.3865	100.
110.	.4030	.3994	.3994	.4063	.4012	.4027	.3971	.3909	.3908	.3922	.3814	.4012	.3995	110.
120.	.3972	.3949	.3953	.3945	.3911	.3960	.3849	.3931	.3883	.3815	.3783	.3739	.3920	120.
130.	.4008	.3844	.3964	.3900	.3902	.3909	.3913	.3981	.3924	.3859	.3730	.3822	.3953	130.
150.	.4031	.3842	.3915	.3880	.3825	.3812	.3802	.3831	.3805	.3814	.3845	.3887	.3950	150.
180.	.3908	.3865	.3831	.3918	.3750	.3768	.3853	.3739	.3812	.3767	.3874	.4016	.4023	180.
						FOR ALPHA = 20.49 DEG								
0.	-.0649	-.0681	-.0670	-.0656	-.0687	-.0681	-.0678	-.0679	-.0678	-.0690	-.0670	-.0645	-.0614	0.
30.	-.0801	-.0825	-.0803	-.0802	-.0794	-.0788	-.0787	-.0782	-.0725	-.0796	-.0769	-.0750	-.0721	30.
50.	-.1667	-.1611	-.1678	-.1676	-.1671	-.1666	-.1680	-.1682	-.1694	-.1701	-.1709	-.1712	-.1711	50.
60.	-.1652	-.1645	-.1644	-.1645	-.1544	-.1615	-.1626	-.1617	-.1629	-.1621	-.1619	-.1629	-.1631	60.
70.	-.1579	-.1591	-.1609	-.1614	-.1619	-.1594	-.1603	-.1605	-.1618	-.1621	-.1614	-.1608	-.1608	70.
80.	-.1270	-.1530	-.1540	-.1545	-.1542	-.1583	-.1582	-.1584	-.1594	-.1594	-.1587	-.1596	-.1605	80.
90.	.0601	.0571	.0539	.0530	.0504	.0444	.0448	.0458	.0462	.0457	.0442	.0458	.0466	90.
100.	.4757	.4766	.4641	.4610	.4875	.4723	.4751	.4717	.4616	.4702	.4713	.4687	.4742	100.
110.	.5182	.5204	.5217	.5221	.5192	.5182	.5238	.5220	.5191	.5099	.5040	.5235	.5241	110.
120.	.5309	.5268	.5321	.5241	.5270	.5300	.5228	.5327	.5216	.5205	.5164	.5206	.5240	120.
130.	.5376	.5180	.5234	.5234	.5237	.5307	.5301	.5266	.5277	.5156	.5098	.5255	.5379	130.
150.	.5340	.5223	.5289	.5249	.5265	.5245	.5285	.5249	.5202	.5184	.5308	.5343	.5343	150.
180.	.5310	.5262	.5336	.5288	.5166	.5183	.5225	.5129	.5167	.5178	.5315	.5314	.5402	180.

TABLE V. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.50 DEG								
0.	.1791	.1673		.1471	.1564	.1573	.1603	.1622	.2046	.1624	.1562	.1612	.1630	.1595
30.			.1480	.1504	.1588	.1556	.1566	.1589	.1560	.1588	.1635	.1599	.1526	.1625
50.	.1762	.1679	.1530	.1582	.1534	.1616	.1600	.1614	.1614	.1622	.1627	.1591	.1604	.1654
60.				.1600	.1539	.1586	.1644	.1660	.1603	.1645	.1630	.1556	.1634	.1669
70.		.1778	.1585	.1687	.1645	.1642	.1708	.1760	.1732	.1705	.1688	.1684	.1740	.1777
80.			.1813	.1885	.1832	.1822	.1934	.1911	.1894	.1946	.1905	.1876	.1918	.1935
90.	.1779	.1733	.1798	.1742	.1715	.1733	.1758	.1761	.1763	.1743	.1715	.1719	.1726	.1743
100.			.0491	.0459	.0389	.0347	.0446	.0437	.0415	.0418	.0426	.0462	.0420	.0464
110.		.0482	.0382	.0334	.0323	.0294	.0356	.0392	.0367	.0362	.0352	.0378	.0407	.0437
120.				.0346	.0332	.0328	.0408	.0422	.0406	.0421	.0424	.0396	.0463	.0461
130.	.0543	.0474	.0372	.0359	.0348	.0461	.0446	.0442	.0456	.0453	.0461	.0439	.0446	.0483
150.			.0359	.0363	.0366	.0388	.0440	.0462	.0448	.0442	.0489	.0457	.0428	.0474
180.	.0571	.0502		.0384	.0379	.0408	.0461	.0461	.1866	.0530	.0436	.0461	.0469	.0439
210.			.0350	.0386	.0363	.0406	.0444	.0461	.0454	.0424	.0458	.0434	.0428	.0473
230.	.0571	.0481	.0345	.0371	.0349	.0472	.0412	.0426	.0426	.0425	.0426	.0395	.0442	.0483
240.				.0329	.0325	.0317	.0378	.0397	.0391	.0389	.0384	.0347	.0437	.0433
250.		.0522	.0370	.0316	.0304	.0293	.0361	.0360	.0379	.0366	.0342	.0324	.0379	.0386
260.			.0558	.0500	.0473	.0412	.0542	.0495	.0520	.0505	.0539	.0489	.0526	.0544
270.	.2144	.2104	.2135	.2098	.2079	.2113	.2123	.2118	.2150	.2131	.2112	.2097	.2085	.2117
280.			.2055	.2023	.2007	.1969	.2153	.2110	.2130	.2164	.2134	.2100	.2155	.2160
290.		.1884	.1727	.1728	.1764	.1728	.1797	.1860	.1850	.1840	.1805	.1832	.1847	.1854
300.				.1643	.1640	.1608	.1679	.1704	.1684	.1704	.1721	.1626	.1747	.1737
310.	.1781	.1670	.1560	.1613	.1580	.1618	.1667	.1665	.1718	.1693	.1668	.1633	.1657	.1713
330.			.1475	.1541	.1511	.1560	.1645	.1621	.1645	.1615	.1635	.1591	.1555	.1622
						FOR ALPHA = -2.50 DEG								
0.	.1444	.1345		.1178	.1251	.1247	.1295	.1289	.2101	.1332	.1235	.1294	.1294	.1270
30.			.1178	.1185	.1259	.1260	.1291	.1285	.1270	.1246	.1314	.1265	.1251	.1317
50.	.1446	.1359	.1220	.1218	.1250	.1314	.1287	.1296	.1314	.1303	.1315	.1240	.1285	.1339
60.				.1284	.1273	.1242	.1317	.1315	.1320	.1333	.1318	.1261	.1342	.1367
70.		.1456	.1297	.1346	.1350	.1330	.1375	.1386	.1404	.1384	.1365	.1356	.1415	.1469
80.			.1550	.1542	.1557	.1536	.1621	.1607	.1599	.1646	.1591	.1577	.1602	.1638
90.	.1901	.1869	.1903	.1862	.1830	.1850	.1861	.1877	.1880	.1895	.1880	.1881	.1837	.1906
100.			.0870	.0753	.0761	.0729	.0829	.0842	.0796	.0856	.0837	.0838	.0827	.0878
110.		.0762	.0674	.0601	.0603	.0610	.0666	.0667	.0669	.0660	.0649	.0681	.0666	.0712
120.				.0560	.0606	.0595	.0660	.0639	.0664	.0680	.0663	.0639	.0676	.0702
130.	.0796	.0717	.0618	.0580	.0600	.0703	.0671	.0670	.0690	.0685	.0689	.0638	.0661	.0698
150.			.0576	.0571	.0587	.0628	.0682	.0665	.0670	.0640	.0696	.0641	.0647	.0693
180.	.0807	.0728		.0580	.0591	.0628	.0679	.0659	.2039	.0729	.0641	.0668	.0682	.0657
210.			.0568	.0581	.0588	.0640	.0659	.0653	.0650	.0655	.0674	.0668	.0644	.0703
230.	.0818	.0691	.0609	.0576	.0592	.0693	.0645	.0653	.0662	.0680	.0664	.0648	.0675	.0713
240.				.0553	.0595	.0610	.0627	.0667	.0653	.0688	.0650	.0622	.0702	.0697
250.		.0796	.0706	.0600	.0613	.0624	.0635	.0691	.0695	.0688	.0651	.0670	.0695	.0718
260.			.0945	.0908	.0864	.0855	.0902	.0890	.0931	.0931	.0940	.0941	.0905	.0934
270.	.2216	.2204	.2252	.2199	.2187	.2190	.2211	.2239	.2260	.2234	.2222	.2235	.2191	.2239
280.			.1739	.1701	.1679	.1668	.1810	.1767	.1811	.1835	.1755	.1777	.1773	.1788
290.		.1528	.1390	.1409	.1381	.1385	.1485	.1495	.1526	.1477	.1462	.1465	.1561	.1520
300.				.1297	.1264	.1264	.1338	.1400	.1372	.1397	.1381	.1297	.1427	.1416
310.	.1437	.1374	.1225	.1237	.1248	.1338	.1323	.1365	.1353	.1350	.1362	.1286	.1338	.1363
330.			.1181	.1255	.1227	.1265	.1333	.1297	.1271	.1273	.1298	.1292	.1247	.1328
						FOR ALPHA = -1.50 DEG								
0.	.1305	.1207		.1027	.1092	.1136	.1139	.1161	.2119	.1182	.1085	.1147	.1154	.1136
30.			.1047	.1027	.1077	.1130	.1146	.1153	.1113	.1109	.1174	.1137	.1101	.1182
50.	.1301	.1209	.1078	.1075	.1089	.1151	.1144	.1157	.1181	.1157	.1164	.1111	.1153	.1210
60.				.1136	.1106	.1080	.1174	.1186	.1167	.1194	.1174	.1131	.1199	.1252
70.		.1303	.1150	.1189	.1185	.1158	.1227	.1250	.1257	.1243	.1241	.1210	.1262	.1292
80.			.1412	.1401	.1370	.1361	.1472	.1472	.1444	.1525	.1455	.1418	.1475	.1477
90.	.1924	.1918	.1941	.1900	.1859	.1876	.1909	.1904	.1948	.1912	.1884	.1914	.1909	.1943
100.			.0998	.0971	.0932	.0895	.1014	.0963	.0990	.1034	.1018	.1008	.1054	.1005
110.		.0906	.0805	.0779	.0734	.0734	.0795	.0808	.0846	.0829	.0808	.0779	.0857	.0835
120.				.0729	.0719	.0709	.0770	.0792	.0795	.0809	.0796	.0731	.0825	.0842
130.	.0917	.0833	.0701	.0727	.0704	.0799	.0763	.0808	.0791	.0789	.0794	.0748	.0800	.0834
150.			.0667	.0703	.0686	.0726	.0756	.0792	.0761	.0756	.0800	.0771	.0754	.0804
180.	.0919	.0850		.0692	.0708	.0736	.0770	.0791	.2124	.0834	.0735	.0794	.0777	.0768
210.			.0686	.0686	.0699	.0743	.0778	.0775	.0751	.0756	.0802	.0774	.0764	.0820
230.	.0920	.0835	.0725	.0705	.0698	.0819	.0773	.0790	.0784	.0811	.0816	.0771	.0787	.0838
240.				.0698	.0700	.0726	.0786	.0804	.0793	.0824	.0804	.0762	.0837	.0832
250.		.0944	.0828	.0759	.0747	.0785	.0840	.0848	.0832	.0855	.0841	.0824	.0846	.0875
260.			.1100	.1070	.1044	.1025	.1125	.1093	.1109	.1140	.1116	.1084	.1111	.1131
270.	.2249	.2247	.2271	.2243	.2185	.2202	.2258	.2258	.2295	.2270	.2236	.2253	.2239	.2286
280.			.1556	.1502	.1508	.1477	.1624	.1614	.1639	.1650	.1651	.1575	.1631	.1649
290.		.1348	.1212	.1212	.1200	.1210	.1304	.1334	.1342	.1334	.1311	.1264	.1338	.1383
300.				.1155	.1123	.1097	.1212	.1211	.1222	.1227	.1214	.1158	.1274	.1255
310.	.1291	.1197	.1078	.1102	.1099	.1207	.1157	.1206	.1191	.1204	.1191	.1147	.1182	.1244
330.			.1045	.1028	.1091	.1091	.1164	.1177	.1151	.1123	.1171	.1113	.1121	.1178

TABLE V. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.50 DEG								
0.	.1564	.1531	.1543	.1552	.1416	.1463	.1458	.1429	.1427	.1450	.1530	.1595	.1632	0.
30.	.1581	.1496	.1505	.1530	.1453	.1459	.1459	.1466	.1453	.1455	.1528	.1552	.1605	30.
50.	.1619	.1544	.1557	.1578	.1483	.1489	.1519	.1504	.1518	.1509	.1470	.1504	.1595	50.
60.	.1600	.1595	.1605	.1588	.1533	.1544	.1533	.1546	.1535	.1537	.1520	.1529	.1559	60.
70.	.1717	.1694	.1697	.1681	.1707	.1654	.1666	.1598	.1609	.1605	.1563	.1641	.1661	70.
80.	.1975	.1930	.1880	.1845	.2009	.1817	.1843	.1841	.1799	.1813	.1851	.1870	.1899	80.
90.	.1756	.1729	.1733	.1701	.1684	.1612	.1616	.1633	.1621	.1635	.1630	.1680	.1699	90.
100.	.0525	.0521	.0449	.0439	.0442	.0361	.0378	.0349	.0344	.0374	.0416	.0408	.0406	100.
110.	.0397	.0414	.0413	.0422	.0393	.0391	.0388	.0361	.0318	.0313	.0316	.0386	.0382	110.
120.	.0408	.0405	.0382	.0390	.0371	.0400	.0366	.0390	.0347	.0365	.0348	.0339	.0389	120.
130.	.0459	.0420	.0381	.0388	.0356	.0383	.0392	.0388	.0376	.0391	.0364	.0406	.0420	130.
150.	.0451	.0409	.0416	.0405	.0361	.0377	.0346	.0378	.0375	.0378	.0426	.0466	.0473	150.
180.	.0438	.0407	.0425	.0435	.0345	.0351	.0351	.0337	.0335	.0336	.0402	.0436	.0450	180.
210.	.0454	.0392	.0427	.0407	.0376	.0356	.0357	.0356	.0356	.0328	.0386	.0410	.0434	210.
230.	.0461	.0405	.0401	.0402	.0361	.0363	.0371	.0381	.0355	.0344	.0313	.0351	.0377	230.
240.	.0403	.0388	.0416	.0390	.0363	.0354	.0353	.0369	.0334	.0336	.0297	.0328	.0363	240.
250.	.0381	.0383	.0383	.0394	.0370	.0367	.0377	.0367	.0305	.0316	.0284	.0371	.0342	250.
260.	.0623	.0540	.0487	.0463	.0513	.0408	.0380	.0407	.0378	.0371	.0368	.0424	.0426	260.
270.	.2122	.2088	.2068	.2056	.2029	.2002	.2000	.1992	.1976	.2016	.1979	.2033	.1997	270.
280.	.2132	.2149	.2077	.2093	.2211	.2001	.2027	.2038	.2023	.2017	.2072	.2060	.2075	280.
290.	.1812	.1858	.1802	.1846	.1805	.1724	.1727	.1713	.1687	.1713	.1666	.1791	.1781	290.
300.	.1668	.1661	.1683	.1665	.1551	.1626	.1594	.1656	.1610	.1581	.1578	.1605	.1652	300.
310.	.1653	.1605	.1578	.1573	.1504	.1587	.1572	.1611	.1564	.1526	.1482	.1561	.1620	310.
330.	.1601	.1501	.1556	.1544	.1485	.1484	.1496	.1498	.1441	.1485	.1546	.1625	.1645	330.
						FOR ALPHA = -2.50 DEG								
0.	.1271	.1202	.1245	.1249	.1129	.1145	.1181	.1145	.1156	.1174	.1221	.1265	.1292	0.
30.	.1276	.1214	.1228	.1241	.1150	.1149	.1148	.1170	.1180	.1159	.1225	.1262	.1298	30.
50.	.1305	.1232	.1246	.1276	.1190	.1218	.1218	.1220	.1189	.1204	.1153	.1242	.1294	50.
60.	.1286	.1287	.1293	.1282	.1231	.1238	.1222	.1252	.1226	.1230	.1182	.1221	.1253	60.
70.	.1411	.1424	.1388	.1390	.1363	.1336	.1327	.1323	.1296	.1294	.1276	.1344	.1355	70.
80.	.1679	.1637	.1588	.1568	.1688	.1526	.1506	.1525	.1483	.1515	.1520	.1549	.1601	80.
90.	.1916	.1876	.1856	.1850	.1858	.1792	.1764	.1766	.1780	.1806	.1790	.1847	.1840	90.
100.	.0947	.0898	.0823	.0799	.0875	.0767	.0736	.0727	.0673	.0756	.0844	.0796	.0863	100.
110.	.0724	.0728	.0682	.0720	.0695	.0698	.0654	.0645	.0594	.0593	.0622	.0662	.0675	110.
120.	.0662	.0682	.0674	.0644	.0610	.0637	.0617	.0629	.0595	.0617	.0585	.0585	.0592	120.
130.	.0683	.0658	.0617	.0633	.0589	.0607	.0604	.0641	.0603	.0613	.0547	.0615	.0655	130.
150.	.0655	.0613	.0610	.0624	.0578	.0581	.0561	.0579	.0592	.0608	.0645	.0658	.0683	150.
180.	.0640	.0600	.0618	.0624	.0530	.0564	.0554	.0547	.0560	.0555	.0596	.0651	.0671	180.
210.	.0645	.0589	.0624	.0606	.0575	.0579	.0547	.0560	.0555	.0546	.0584	.0616	.0658	210.
230.	.0679	.0635	.0611	.0620	.0598	.0588	.0590	.0608	.0612	.0572	.0561	.0592	.0637	230.
240.	.0660	.0656	.0643	.0627	.0603	.0612	.0581	.0604	.0596	.0570	.0583	.0571	.0604	240.
250.	.0730	.0712	.0685	.0700	.0718	.0660	.0697	.0671	.0646	.0598	.0583	.0662	.0650	250.
260.	.1006	.0959	.0857	.0850	.0963	.0781	.0853	.0830	.0799	.0784	.0852	.0855	.0871	260.
270.	.2267	.2205	.2205	.2191	.2227	.2138	.2123	.2151	.2117	.2140	.2136	.2179	.2135	270.
280.	.1828	.1803	.1783	.1723	.1864	.1711	.1688	.1714	.1653	.1697	.1719	.1779	.1747	280.
290.	.1483	.1528	.1452	.1431	.1445	.1390	.1432	.1389	.1382	.1384	.1344	.1461	.1457	290.
300.	.1309	.1345	.1336	.1308	.1263	.1278	.1290	.1287	.1273	.1292	.1251	.1290	.1305	300.
310.	.1344	.1287	.1330	.1278	.1211	.1264	.1236	.1232	.1228	.1211	.1207	.1251	.1326	310.
330.	.1293	.1212	.1275	.1262	.1155	.1184	.1161	.1164	.1181	.1169	.1252	.1264	.1317	330.
						FOR ALPHA = -1.50 DEG								
0.	.1127	.1079	.1108	.1125	.1014	.1004	.1016	.1019	.1020	.1038	.1110	.1141	.1161	0.
30.	.1140	.1092	.1094	.1124	.1031	.1017	.1027	.1029	.1020	.1025	.1087	.1133	.1144	30.
50.	.1197	.1106	.1099	.1115	.1063	.1081	.1094	.1073	.1053	.1071	.1031	.1087	.1145	50.
60.	.1164	.1140	.1162	.1132	.1072	.1098	.1090	.1122	.1077	.1086	.1057	.1084	.1115	60.
70.	.1280	.1272	.1257	.1228	.1213	.1195	.1197	.1170	.1150	.1139	.1135	.1194	.1225	70.
80.	.1516	.1493	.1450	.1437	.1527	.1384	.1371	.1377	.1346	.1376	.1372	.1389	.1428	80.
90.	.1952	.1923	.1935	.1903	.1897	.1818	.1806	.1792	.1828	.1835	.1826	.1907	.1836	90.
100.	.1107	.1050	.1044	.0950	.1052	.0924	.0928	.0918	.0887	.0933	.0937	.1009	.0965	100.
110.	.0837	.0832	.0849	.0830	.0826	.0816	.0825	.0784	.0730	.0703	.0678	.0797	.0818	110.
120.	.0776	.0775	.0820	.0752	.0727	.0727	.0751	.0729	.0707	.0696	.0681	.0703	.0735	120.
130.	.0802	.0719	.0758	.0729	.0692	.0689	.0723	.0722	.0716	.0698	.0665	.0708	.0751	130.
150.	.0772	.0691	.0732	.0737	.0686	.0676	.0685	.0664	.0668	.0662	.0760	.0743	.0784	150.
180.	.0760	.0709	.0734	.0746	.0644	.0641	.0659	.0644	.0654	.0643	.0713	.0737	.0777	180.
210.	.0773	.0708	.0730	.0720	.0668	.0658	.0662	.0666	.0682	.0657	.0716	.0725	.0788	210.
230.	.0818	.0748	.0724	.0741	.0701	.0711	.0712	.0709	.0717	.0714	.0682	.0728	.0770	230.
240.	.0773	.0766	.0789	.0759	.0733	.0738	.0727	.0721	.0734	.0744	.0717	.0703	.0748	240.
250.	.0870	.0875	.0845	.0834	.0856	.0834	.0843	.0819	.0798	.0789	.0751	.0823	.0814	250.
260.	.1196	.1149	.1092	.1035	.1190	.1047	.1048	.1008	.1007	.1040	.1042	.1045	.1081	260.
270.	.2291	.2253	.2249	.2225	.2257	.2184	.2173	.2188	.2163	.2200	.2168	.2220	.2172	270.
280.	.1679	.1605	.1607	.1552	.1698	.1522	.1529	.1536	.1521	.1562	.1528	.1579	.1616	280.
290.	.1281	.1338	.1327	.1305	.1283	.1254	.1247	.1248	.1220	.1233	.1228	.1333	.1309	290.
300.	.1220	.1169	.1209	.1186	.1126	.1111	.1138	.1136	.1138	.1151	.1129	.1152	.1206	300.
310.	.1221	.1113	.1132	.1160	.1034	.1099	.1123	.1117	.1086	.1112	.1053	.1137	.1189	310.
330.	.1141	.1086	.1133	.1108	.1067	.1021	.1047	.1055	.1069	.1037	.1128	.1145	.1208	330.

TABLE V. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -.50 DEG								
0.	.1162	.1078		.0926	.0944	.0976	.1009	.0999	.2108	.1035	.0972	.1007	.1025	.0986
30.			.0889	.0917	.0947	.0968	.1010	.1003	.1000	.0961	.1042	.1006	.0985	.1043
50.	.1174	.1083	.0947	.0912	.0963	.1010	.1026	.1016	.1027	.1011	.1030	.0971	.1030	.1083
60.				.0949	.0978	.0935	.1035	.1039	.1029	.1041	.1030	.0964	.1080	.1076
70.		.1155	.1033	.1030	.1015	.1002	.1067	.1083	.1114	.1102	.1069	.1060	.1113	.1144
80.			.1280	.1240	.1216	.1200	.1297	.1262	.1303	.1316	.1278	.1281	.1279	.1338
90.	.1925	.1908	.1941	.1909	.1873	.1912	.1904	.1933	.1968	.1945	.1928	.1946	.1927	.1967
100.			.1178	.1139	.1098	.1099	.1204	.1195	.1141	.1235	.1197	.1188	.1174	.1185
110.		.1050	.0931	.0914	.0882	.0910	.0972	.0975	.0980	.0998	.0946	.0970	.0986	.1009
120.				.0836	.0863	.0837	.0901	.0922	.0922	.0960	.0939	.0893	.0933	.0990
130.	.1025	.0973	.0841	.0808	.0820	.0904	.0895	.0915	.0912	.0941	.0947	.0881	.0910	.0981
150.			.0805	.0785	.0805	.0850	.0884	.0904	.0896	.0891	.0925	.0888	.0869	.0948
180.	.1045	.0967		.0796	.0847	.0864	.0898	.0887	.2150	.0939	.0863	.0902	.0908	.0900
210.			.0805	.0813	.0850	.0864	.0910	.0886	.0885	.0886	.0926	.0879	.0892	.0934
230.	.1051	.0955	.0838	.0839	.0848	.0947	.0912	.0916	.0933	.0933	.0939	.0898	.0932	.0996
240.				.0851	.0860	.0876	.0932	.0932	.0943	.0956	.0945	.0899	.0991	.1007
250.		.1091	.1012	.0920	.0942	.0944	.0991	.1004	.1018	.1062	.1015	.0973	.1018	.1062
260.			.1291	.1232	.1241	.1198	.1311	.1278	.1297	.1389	.1332	.1333	.1286	.1314
270.	.2268	.2259	.2296	.2258	.2217	.2263	.2268	.2258	.2290	.2298	.2271	.2272	.2264	.2301
280.			.1359	.1363	.1343	.1286	.1451	.1421	.1456	.1461	.1443	.1409	.1442	.1464
290.		.1210	.1075	.1062	.1072	.1046	.1128	.1161	.1180	.1145	.1115	.1122	.1171	.1180
300.				.1006	.1007	.0968	.1046	.1069	.1063	.1052	.1066	.1005	.1128	.1105
310.	.1148	.1062	.0958	.0962	.0982	.1041	.1033	.1045	.1055	.1023	.1040	.1008	.1055	.1082
330.			.0909	.0923	.0954	.0953	.0998	.1017	.1018	.0979	.1020	.0998	.0983	.1016
						FOR ALPHA = .50 DEG								
0.	.1012	.0941		.0788	.0804	.0839	.0878	.0879	.2058	.0925	.0836	.0892	.0892	.0871
30.			.0775	.0766	.0810	.0831	.0853	.0887	.0856	.0844	.0903	.0881	.0861	.0934
50.	.1022	.0929	.0812	.0788	.0802	.0902	.0874	.0893	.0890	.0890	.0897	.0870	.0899	.0941
60.				.0785	.0824	.0809	.0878	.0896	.0894	.0925	.0877	.0865	.0943	.0943
70.		.0975	.0884	.0864	.0858	.0869	.0912	.0953	.0955	.0941	.0911	.0925	.0965	.0997
80.			.1073	.1066	.1047	.1044	.1099	.1132	.1130	.1144	.1130	.1118	.1149	.1155
90.	.1912	.1891	.1918	.1899	.1871	.1894	.1905	.1945	.1978	.1956	.1913	.1927	.1934	.1946
100.			.1319	.1280	.1277	.1242	.1346	.1342	.1393	.1390	.1344	.1344	.1385	.1368
110.		.1157	.1043	.1052	.1040	.1059	.1083	.1113	.1158	.1121	.1079	.1109	.1193	.1193
120.				.0955	.0980	.1002	.1013	.1044	.1050	.1065	.1056	.1014	.1135	.1111
130.	.1156	.1054	.0964	.0951	.0972	.1064	.1025	.1040	.1035	.1065	.1041	.0999	.1057	.1086
150.			.0917	.0942	.0963	.0983	.1018	.1020	.0990	.1023	.1024	.1014	.0991	.1047
180.	.1159	.1085		.0943	.0972	.0986	.1026	.1031	.2218	.1072	.0991	.1035	.1040	.1023
210.			.0932	.0936	.0988	.0987	.1032	.1036	.1027	.1015	.1077	.1008	.1009	.1066
230.	.1168	.1085	.0997	.0981	.0999	.1069	.1064	.1067	.1086	.1069	.1069	.1037	.1075	.1105
240.				.1015	.1012	.1009	.1099	.1079	.1087	.1107	.1091	.1053	.1168	.1153
250.		.1238	.1142	.1094	.1102	.1099	.1155	.1188	.1198	.1172	.1142	.1180	.1214	.1238
260.			.1429	.1404	.1398	.1367	.1495	.1488	.1520	.1548	.1486	.1506	.1511	.1543
270.	.2251	.2236	.2261	.2240	.2219	.2202	.2261	.2273	.2298	.2289	.2269	.2261	.2272	.2298
280.			.1194	.1157	.1182	.1130	.1231	.1236	.1277	.1263	.1239	.1258	.1257	.1262
290.		.1018	.0937	.0906	.0893	.0892	.0972	.0966	.0996	.0960	.0967	.0938	.1000	.1027
300.				.0849	.0860	.0825	.0915	.0904	.0928	.0934	.0893	.0870	.0984	.0959
310.	.1016	.0933	.0799	.0825	.0825	.0922	.0887	.0907	.0900	.0897	.0915	.0857	.0910	.0935
330.			.0800	.0795	.0819	.0839	.0872	.0885	.0872	.0843	.0905	.0854	.0873	.0912
						FOR ALPHA = 1.50 DEG								
0.	.0904	.0815		.0664	.0679	.0721	.0744	.0757	.2010	.0818	.0729	.0778	.0797	.0752
30.			.0656	.0669	.0663	.0697	.0737	.0749	.0734	.0729	.0787	.0760	.0755	.0793
50.	.0916	.0805	.0674	.0661	.0685	.0792	.0743	.0767	.0786	.0769	.0782	.0746	.0775	.0803
60.				.0657	.0694	.0677	.0747	.0767	.0785	.0789	.0768	.0736	.0807	.0828
70.		.0877	.0754	.0724	.0731	.0699	.0774	.0799	.0811	.0787	.0763	.0746	.0833	.0830
80.			.0927	.0900	.0899	.0864	.0952	.0955	.0960	.1001	.0984	.0946	.0971	.0982
90.	.1924	.1899	.1915	.1898	.1851	.1891	.1892	.1899	.1946	.1925	.1893	.1893	.1892	.1923
100.			.1449	.1476	.1457	.1437	.1528	.1532	.1483	.1539	.1523	.1531	.1517	.1562
110.		.1329	.1205	.1233	.1194	.1216	.1265	.1300	.1278	.1292	.1261	.1278	.1306	.1355
120.				.1137	.1129	.1165	.1185	.1218	.1200	.1199	.1204	.1166	.1226	.1231
130.	.1305	.1227	.1121	.1081	.1149	.1212	.1168	.1190	.1154	.1172	.1188	.1163	.1176	.1244
150.			.1073	.1072	.1118	.1124	.1150	.1148	.1109	.1145	.1169	.1172	.1138	.1188
180.	.1316	.1222		.1049	.1108	.1131	.1170	.1164	.2210	.1202	.1115	.1175	.1170	.1153
210.			.1072	.1077	.1104	.1143	.1166	.1177	.1187	.1160	.1188	.1195	.1166	.1204
230.	.1329	.1243	.1110	.1143	.1137	.1215	.1204	.1223	.1238	.1225	.1226	.1191	.1205	.1294
240.				.1177	.1195	.1166	.1222	.1285	.1261	.1251	.1252	.1204	.1291	.1307
250.		.1413	.1263	.1269	.1286	.1270	.1339	.1375	.1360	.1388	.1331	.1316	.1405	.1396
260.			.1606	.1649	.1619	.1554	.1682	.1683	.1666	.1730	.1670	.1659	.1714	.1700
270.	.2234	.2213	.2241	.2226	.2175	.2187	.2233	.2254	.2274	.2249	.2241	.2263	.2223	.2281
280.			.1010	.1024	.0979	.0908	.1048	.1078	.1081	.1113	.1078	.1031	.1083	.1103
290.		.0873	.0767	.0733	.0767	.0726	.0787	.0829	.0845	.0813	.0799	.0812	.0836	.0853
300.				.0640	.0712	.0690	.0766	.0805	.0778	.0777	.0769	.0765	.0844	.0847
310.	.0879	.0766	.0697	.0674	.0696	.0793	.0758	.0775	.0803	.0779	.0776	.0760	.0797	.0819
330.			.0658	.0655	.0666	.0724	.0750	.0734	.0759	.0746	.0786	.0780	.0748	.0778

TABLE V. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = -.50 DEG								
0.	.0992	.0947	.0981	.0984	.0870	.0888	.0898	.0883	.0886	.0892	.0958	.1023	.1012	0.
30.	.1004	.0930	.0971	.0958	.0884	.0901	.0878	.0912	.0896	.0919	.0954	.0980	.1004	30.
50.	.1038	.0965	.0965	.0984	.0917	.0952	.0948	.0964	.0911	.0942	.0900	.0957	.0999	50.
60.	.1001	.1011	.0998	.1004	.0938	.0987	.0950	.0967	.0939	.0953	.0918	.0953	.0986	60.
70.	.1110	.1121	.1085	.1095	.1060	.1053	.1058	.1040	.1008	.1001	.0961	.1069	.1054	70.
80.	.1354	.1354	.1277	.1244	.1352	.1208	.1197	.1229	.1198	.1206	.1198	.1223	.1260	80.
90.	.1955	.1947	.1960	.1934	.1933	.1846	.1839	.1851	.1856	.1846	.1851	.1888	.1870	90.
100.	.1225	.1228	.1207	.1126	.1273	.1133	.1100	.1093	.1075	.1074	.1134	.1155	.1177	100.
110.	.0992	.0991	.0988	.0993	.0976	.0942	.0961	.0934	.0910	.0878	.0850	.0919	.0995	110.
120.	.0916	.0894	.0894	.0877	.0833	.0874	.0860	.0853	.0862	.0857	.0819	.0828	.0878	120.
130.	.0928	.0869	.0845	.0858	.0823	.0837	.0844	.0852	.0839	.0822	.0798	.0846	.0902	130.
150.	.0905	.0839	.0827	.0861	.0807	.0797	.0776	.0776	.0768	.0783	.0864	.0877	.0929	150.
180.	.0891	.0832	.0856	.0888	.0760	.0761	.0763	.0759	.0771	.0770	.0827	.0874	.0905	180.
210.	.0893	.0826	.0860	.0870	.0794	.0807	.0774	.0788	.0804	.0786	.0835	.0868	.0910	210.
230.	.0950	.0855	.0855	.0884	.0827	.0843	.0828	.0843	.0838	.0839	.0791	.0870	.0897	230.
240.	.0921	.0939	.0921	.0903	.0870	.0876	.0856	.0880	.0854	.0876	.0840	.0860	.0927	240.
250.	.1028	.1040	.0996	.0994	.1003	.0968	.0975	.0991	.0932	.0943	.0913	.0990	.1036	250.
260.	.1394	.1350	.1272	.1256	.1358	.1222	.1207	.1232	.1248	.1229	.1184	.1218	.1308	260.
270.	.2309	.2270	.2263	.2245	.2248	.2210	.2191	.2191	.2208	.2217	.2192	.2217	.2168	270.
280.	.1480	.1464	.1409	.1391	.1468	.1340	.1354	.1379	.1334	.1352	.1375	.1393	.1394	280.
290.	.1136	.1146	.1143	.1164	.1129	.1089	.1100	.1100	.1041	.1088	.1061	.1170	.1139	290.
300.	.1063	.1044	.1062	.1038	.0968	.0997	.0984	.1006	.0961	.0993	.0980	.1012	.1036	300.
310.	.1059	.1002	.0995	.0996	.0914	.0941	.0966	.0993	.0951	.0959	.0929	.0990	.1012	310.
330.	.1016	.0946	.0995	.0969	.0920	.0908	.0911	.0920	.0918	.0918	.0979	.1015	.1029	330.
						FOR ALPHA = .50 DEG								
0.	.0869	.0820	.0848	.0852	.0754	.0762	.0770	.0765	.0778	.0768	.0850	.0886	.0890	0.
30.	.0856	.0826	.0845	.0833	.0778	.0774	.0772	.0778	.0802	.0785	.0848	.0858	.0889	30.
50.	.0897	.0851	.0841	.0862	.0792	.0798	.0833	.0825	.0799	.0812	.0775	.0829	.0893	50.
60.	.0881	.0877	.0889	.0860	.0829	.0839	.0834	.0840	.0822	.0828	.0813	.0820	.0846	60.
70.	.0958	.0943	.0954	.0938	.0928	.0905	.0918	.0899	.0890	.0846	.0858	.0921	.0903	70.
80.	.1215	.1165	.1127	.1083	.1191	.1046	.1062	.1061	.1021	.1034	.1053	.1069	.1107	80.
90.	.1973	.1917	.1926	.1931	.1933	.1830	.1828	.1839	.1847	.1846	.1847	.1911	.1870	90.
100.	.1435	.1382	.1347	.1301	.1447	.1241	.1252	.1268	.1208	.1246	.1310	.1372	.1375	100.
110.	.1140	.1136	.1115	.1101	.1140	.1048	.1087	.1075	.1036	.1028	.0989	.1101	.1117	110.
120.	.1039	.1027	.1046	.1006	.0993	.1008	.0988	.0987	.0992	.0967	.0943	.0962	.0970	120.
130.	.1048	.0998	.1015	.1008	.0931	.0971	.0976	.0961	.0967	.0925	.0920	.0971	.1005	130.
150.	.1023	.0969	.1012	.0973	.0908	.0909	.0926	.0911	.0915	.0909	.0979	.0990	.1051	150.
180.	.1004	.0960	.0993	.0992	.0872	.0903	.0913	.0895	.0893	.0895	.0961	.0995	.1029	180.
210.	.1035	.0974	.1015	.1002	.0914	.0926	.0915	.0930	.0923	.0924	.0980	.1012	.1041	210.
230.	.1070	.1020	.1012	.1036	.0956	.0973	.0986	.0994	.0977	.0997	.0928	.0994	.1037	230.
240.	.1062	.1068	.1087	.1070	.1005	.1034	.1017	.1039	.1000	.1020	.0994	.1010	.1032	240.
250.	.1189	.1194	.1179	.1179	.1173	.1158	.1130	.1147	.1093	.1113	.1089	.1185	.1176	250.
260.	.1554	.1529	.1490	.1449	.1558	.1411	.1416	.1440	.1366	.1397	.1434	.1457	.1497	260.
270.	.2307	.2270	.2254	.2264	.2237	.2188	.2196	.2220	.2176	.2208	.2209	.2242	.2189	270.
280.	.1325	.1283	.1245	.1195	.1291	.1168	.1149	.1183	.1132	.1196	.1172	.1206	.1241	280.
290.	.0998	.1000	.0995	.0994	.0965	.0955	.0947	.0974	.0912	.0902	.0918	.1011	.0972	290.
300.	.0910	.0921	.0919	.0881	.0846	.0857	.0856	.0859	.0838	.0872	.0829	.0867	.0884	300.
310.	.0940	.0855	.0856	.0866	.0805	.0821	.0843	.0852	.0815	.0849	.0794	.0881	.0906	310.
330.	.0864	.0821	.0870	.0841	.0787	.0799	.0783	.0780	.0802	.0800	.0869	.0883	.0911	330.
						FOR ALPHA = 1.50 DEG								
0.	.0743	.0712	.0737	.0735	.0632	.0643	.0661	.0640	.0676	.0663	.0710	.0768	.0783	0.
30.	.0752	.0704	.0727	.0729	.0672	.0655	.0656	.0660	.0698	.0670	.0734	.0755	.0771	30.
50.	.0774	.0707	.0734	.0725	.0664	.0680	.0696	.0696	.0679	.0693	.0659	.0727	.0754	50.
60.	.0770	.0749	.0761	.0734	.0711	.0708	.0712	.0730	.0693	.0706	.0686	.0695	.0714	60.
70.	.0804	.0803	.0797	.0800	.0795	.0770	.0779	.0775	.0722	.0722	.0719	.0780	.0783	70.
80.	.1063	.0987	.0963	.0935	.1000	.0871	.0892	.0892	.0848	.0868	.0859	.0925	.0919	80.
90.	.1931	.1905	.1921	.1901	.1900	.1809	.1811	.1786	.1842	.1834	.1820	.1886	.1859	90.
100.	.1612	.1521	.1525	.1453	.1587	.1426	.1438	.1404	.1409	.1424	.1501	.1498	.1562	100.
110.	.1290	.1279	.1251	.1236	.1274	.1213	.1243	.1218	.1170	.1170	.1154	.1200	.1250	110.
120.	.1189	.1192	.1162	.1159	.1127	.1124	.1139	.1114	.1104	.1119	.1110	.1091	.1128	120.
130.	.1206	.1146	.1130	.1146	.1052	.1082	.1099	.1091	.1094	.1069	.1065	.1124	.1151	130.
150.	.1163	.1117	.1109	.1096	.1047	.1054	.1026	.1066	.1051	.1033	.1106	.1101	.1171	150.
180.	.1147	.1111	.1116	.1151	.1018	.1028	.1036	.1013	.1019	.1016	.1087	.1142	.1172	180.
210.	.1180	.1119	.1128	.1130	.1054	.1047	.1060	.1050	.1051	.1057	.1121	.1162	.1194	210.
230.	.1233	.1135	.1159	.1153	.1107	.1110	.1124	.1157	.1125	.1114	.1117	.1160	.1182	230.
240.	.1215	.1194	.1234	.1197	.1154	.1175	.1168	.1190	.1158	.1189	.1158	.1146	.1226	240.
250.	.1378	.1355	.1334	.1366	.1343	.1287	.1353	.1323	.1252	.1274	.1258	.1327	.1343	250.
260.	.1743	.1713	.1665	.1638	.1742	.1618	.1619	.1586	.1597	.1615	.1596	.1649	.1663	260.
270.	.2295	.2252	.2264	.2238	.2226	.2159	.2176	.2184	.2188	.2214	.2154	.2226	.2170	270.
280.	.1150	.1123	.1068	.1052	.1115	.0962	.0991	.1006	.0959	.1002	.1035	.1021	.1039	280.
290.	.0849	.0855	.0810	.0855	.0849	.0811	.0849	.0811	.0746	.0777	.0791	.0851	.0849	290.
300.	.0783	.0757	.0787	.0770	.0721	.0741	.0729	.0759	.0712	.0733	.0725	.0744	.0765	300.
310.	.0802	.0752	.0725	.0735	.0692	.0700	.0690	.0735	.0715	.0732	.0712	.0751	.0774	310.
330.	.0752	.0725	.0745	.0744	.0681	.0662	.0670	.0682	.0713	.0707	.0754	.0793	.0797	330.

TABLE V. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	.0357	.0714	.1071	.1429	1786	.2143	CP AT X/L = .2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 2.50 DEG							
0.	.0779	.0701		.0553	.0562	.0591	.0644	.0644	.1923	.0701	.0610	.0653	.0661	.0628
30.			.0548	.0541	.0541	.0581	.0635	.0645	.0639	.0627	.0656	.0645	.0612	.0681
50.	.0769	.0690	.0561	.0536	.0566	.0658	.0617	.0646	.0656	.0638	.0660	.0619	.0644	.0703
60.				.0542	.0576	.0561	.0599	.0639	.0626	.0667	.0637	.0622	.0681	.0686
70.		.0725	.0620	.0576	.0564	.0553	.0621	.0641	.0650	.0663	.0627	.0620	.0659	.0679
80.			.0789	.0730	.0681	.0682	.0764	.0788	.0785	.0795	.0795	.0780	.0791	.0806
90.	.1861	.1839	.1851	.1826	.1798	.1826	.1851	.1851	.1884	.1884	.1842	.1853	.1841	.1883
100.			.1591	.1569	.1586	.1582	.1690	.1663	.1664	.1750	.1676	.1645	.1701	.1697
110.		.1467	.1317	.1331	.1345	.1348	.1415	.1420	.1456	.1434	.1420	.1395	.1468	.1470
120.				.1287	.1271	.1275	.1333	.1348	.1345	.1347	.1339	.1284	.1380	.1436
130.	.1446	.1344	.1215	.1238	.1237	.1327	.1336	.1315	.1315	.1292	.1311	.1243	.1332	.1380
150.			.1173	.1206	.1220	.1287	.1315	.1295	.1261	.1265	.1296	.1279	.1277	.1330
180.	.1457	.1361		.1183	.1273	.1273	.1305	.1305	.2192	.1318	.1250	.1302	.1319	.1283
210.			.1208	.1225	.1276	.1249	.1305	.1338	.1311	.1322	.1347	.1299	.1320	.1344
230.	.1451	.1391	.1268	.1278	.1278	.1332	.1331	.1367	.1379	.1376	.1380	.1301	.1405	.1432
240.				.1361	.1327	.1339	.1383	.1389	.1428	.1406	.1412	.1332	.1461	.1458
250.		.1578	.1439	.1436	.1442	.1439	.1498	.1491	.1587	.1545	.1534	.1504	.1549	.1619
260.			.1760	.1766	.1801	.1724	.1852	.1822	.1863	.1889	.1870	.1863	.1863	.1878
270.	.2199	.2192	.2229	.2181	.2170	.2176	.2197	.2211	.2231	.2238	.2184	.2203	.2206	.2228
280.			.0896	.0810	.0798	.0757	.0868	.0856	.0854	.0910	.0871	.0883	.0872	.0910
290.		.0763	.0667	.0565	.0579	.0583	.0649	.0650	.0676	.0672	.0649	.0657	.0694	.0717
300.				.0521	.0563	.0579	.0622	.0624	.0635	.0653	.0646	.0616	.0685	.0704
310.	.0773	.0698	.0589	.0557	.0582	.0663	.0614	.0630	.0647	.0659	.0674	.0621	.0667	.0708
330.			.0557	.0563	.0576	.0584	.0649	.0635	.0627	.0634	.0670	.0628	.0626	.0674
							FOR ALPHA = 3.50 DEG							
0.	.0648	.0572		.0442	.0455	.0472	.0541	.0534	.1831	.0611	.0505	.0546	.0559	.0533
30.			.0450	.0447	.0440	.0481	.0530	.0519	.0529	.0529	.0558	.0553	.0524	.0592
50.	.0658	.0570	.0464	.0437	.0449	.0569	.0505	.0533	.0548	.0546	.0547	.0528	.0541	.0604
60.				.0407	.0445	.0441	.0495	.0536	.0518	.0555	.0532	.0498	.0569	.0591
70.		.0609	.0488	.0445	.0434	.0426	.0484	.0526	.0509	.0529	.0483	.0485	.0512	.0558
80.			.0629	.0594	.0533	.0524	.0617	.0598	.0608	.0644	.0577	.0585	.0577	.0636
90.	.1817	.1792	.1809	.1773	.1744	.1781	.1810	.1813	.1832	.1827	.1788	.1776	.1761	.1802
100.			.1693	.1785	.1758	.1719	.1873	.1880	.1831	.1883	.1840	.1824	.1833	.1859
110.		.1647	.1463	.1533	.1541	.1485	.1574	.1661	.1608	.1579	.1577	.1585	.1634	.1686
120.				.1454	.1437	.1412	.1514	.1560	.1519	.1498	.1500	.1479	.1529	.1567
130.	.1612	.1499	.1385	.1406	.1398	.1469	.1458	.1512	.1522	.1458	.1453	.1471	.1456	.1517
150.			.1361	.1352	.1429	.1437	.1432	.1464	.1454	.1407	.1470	.1468	.1437	.1475
180.	.1619	.1517		.1315	.1411	.1423	.1455	.1459	.2195	.1476	.1395	.1462	.1477	.1439
210.			.1343	.1383	.1377	.1433	.1458	.1451	.1442	.1488	.1494	.1441	.1443	.1499
230.	.1636	.1539	.1386	.1424	.1412	.1513	.1502	.1518	.1510	.1539	.1513	.1489	.1520	.1566
240.				.1473	.1452	.1506	.1544	.1539	.1562	.1569	.1576	.1506	.1615	.1607
250.		.1724	.1561	.1598	.1573	.1603	.1641	.1698	.1713	.1692	.1673	.1663	.1741	.1762
260.			.1931	.1912	.1921	.1881	.2019	.2006	.2024	.2044	.2015	.2016	.2039	.2051
270.	.2141	.2102	.2156	.2100	.2067	.2099	.2139	.2134	.2194	.2165	.2144	.2173	.2158	.2173
280.			.0702	.0616	.0613	.0559	.0664	.0640	.0662	.0687	.0668	.0679	.0676	.0705
290.		.0593	.0482	.0401	.0412	.0396	.0484	.0493	.0507	.0510	.0478	.0469	.0524	.0535
300.				.0373	.0408	.0429	.0489	.0503	.0518	.0527	.0506	.0477	.0555	.0565
310.	.0626	.0546	.0429	.0420	.0430	.0564	.0508	.0517	.0525	.0532	.0543	.0501	.0542	.0587
330.			.0414	.0437	.0426	.0481	.0546	.0527	.0520	.0527	.0554	.0526	.0532	.0579
							FOR ALPHA = 5.50 DEG							
0.	.0439	.0372		.0279	.0279	.0292	.0349	.0352	.1638	.0427	.0324	.0366	.0387	.0361
30.			.0265	.0281	.0260	.0287	.0346	.0358	.0344	.0337	.0376	.0363	.0345	.0388
50.	.0450	.0388	.0268	.0264	.0246	.0344	.0308	.0339	.0362	.0343	.0365	.0326	.0360	.0375
60.				.0246	.0217	.0233	.0258	.0295	.0310	.0321	.0313	.0283	.0353	.0342
70.		.0355	.0233	.0198	.0198	.0169	.0208	.0231	.0258	.0229	.0219	.0237	.0272	.0285
80.			.0293	.0256	.0210	.0165	.0198	.0209	.0208	.0207	.0172	.0191	.0198	.0234
90.	.1692	.1645	.1701	.1643	.1650	.1637	.1667	.1676	.1678	.1649	.1617	.1629	.1594	.1637
100.			.2060	.2083	.2051	.1987	.2158	.2194	.2192	.2219	.2135	.2091	.2156	.2159
110.		.1958	.1808	.1862	.1880	.1799	.1936	.1969	.1974	.1936	.1906	.1910	.1973	.1990
120.				.1768	.1740	.1732	.1863	.1887	.1872	.1848	.1828	.1780	.1894	.1920
130.	.1908	.1845	.1717	.1743	.1732	.1791	.1804	.1817	.1891	.1804	.1817	.1742	.1787	.1855
150.			.1683	.1689	.1759	.1698	.1791	.1770	.1782	.1736	.1819	.1783	.1746	.1813
180.	.1946	.1857		.1683	.1787	.1736	.1764	.1791	.2091	.1811	.1735	.1795	.1839	.1764
210.			.1678	.1757	.1739	.1770	.1787	.1810	.1757	.1754	.1854	.1804	.1787	.1858
230.	.1973	.1854	.1709	.1786	.1746	.1844	.1830	.1861	.1889	.1873	.1879	.1843	.1901	.1936
240.				.1852	.1778	.1778	.1912	.1921	.1912	.1938	.1942	.1869	.1979	.2042
250.		.2085	.1952	.1963	.1962	.1936	.2010	.2087	.2106	.2072	.2040	.2027	.2118	.2158
260.			.2228	.2250	.2260	.2213	.2384	.2391	.2392	.2482	.2395	.2335	.2414	.2407
270.	.2027	.1977	.2027	.1979	.1972	.1999	.2032	.2038	.2051	.2030	.2000	.1993	.1996	.2054
280.			.0305	.0267	.0246	.0194	.0257	.0264	.0266	.0256	.0230	.0244	.0240	.0302
290.		.0318	.0197	.0151	.0153	.0159	.0187	.0203	.0213	.0221	.0192	.0206	.0265	.0295
300.				.0198	.0208	.0185	.0243	.0258	.0268	.0288	.0297	.0273	.0346	.0329
310.	.0399	.0341	.0225	.0233	.0221	.0357	.0288	.0300	.0315	.0342	.0354	.0321	.0346	.0383
330.			.0243	.0276	.0262	.0292	.0337	.0341	.0345	.0331	.0373	.0352	.0348	.0391

TABLE V. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = 2.50 DEG								
0.	.0638	.0591	.0616	.0636	.0532	.0544	.0554	.0543	.0554	.0565	.0606	.0651	.0675	0.
30.	.0637	.0606	.0614	.0603	.0561	.0554	.0550	.0557	.0577	.0564	.0625	.0646	.0651	30.
50.	.0667	.0613	.0602	.0609	.0553	.0585	.0591	.0603	.0573	.0567	.0551	.0586	.0649	50.
60.	.0643	.0633	.0640	.0618	.0573	.0591	.0589	.0599	.0556	.0585	.0558	.0569	.0618	60.
70.	.0658	.0682	.0671	.0682	.0664	.0616	.0639	.0606	.0589	.0580	.0594	.0646	.0631	70.
80.	.0858	.0812	.0776	.0731	.0791	.0685	.0691	.0703	.0700	.0704	.0716	.0725	.0739	80.
90.	.1896	.1832	.1847	.1821	.1844	.1763	.1751	.1763	.1749	.1794	.1765	.1819	.1822	90.
100.	.1729	.1692	.1614	.1633	.1749	.1576	.1529	.1569	.1535	.1596	.1603	.1651	.1694	100.
110.	.1467	.1464	.1413	.1413	.1405	.1350	.1367	.1361	.1324	.1334	.1281	.1371	.1440	110.
120.	.1334	.1326	.1337	.1280	.1235	.1278	.1251	.1275	.1230	.1251	.1201	.1245	.1269	120.
130.	.1353	.1258	.1282	.1262	.1214	.1239	.1238	.1244	.1229	.1207	.1176	.1266	.1298	130.
150.	.1296	.1232	.1263	.1295	.1182	.1170	.1176	.1176	.1193	.1191	.1223	.1257	.1287	150.
180.	.1283	.1208	.1287	.1280	.1165	.1160	.1172	.1154	.1155	.1159	.1239	.1274	.1321	180.
210.	.1328	.1249	.1290	.1273	.1203	.1208	.1175	.1189	.1159	.1163	.1258	.1286	.1332	210.
230.	.1408	.1297	.1294	.1332	.1216	.1250	.1298	.1288	.1288	.1259	.1206	.1312	.1328	230.
240.	.1381	.1375	.1360	.1345	.1274	.1298	.1315	.1332	.1310	.1324	.1261	.1345	.1357	240.
250.	.1513	.1516	.1537	.1518	.1523	.1454	.1455	.1490	.1407	.1425	.1380	.1493	.1489	250.
260.	.1881	.1848	.1840	.1810	.1939	.1764	.1718	.1826	.1750	.1788	.1785	.1787	.1862	260.
270.	.2257	.2194	.2204	.2195	.2184	.2123	.2128	.2135	.2127	.2155	.2126	.2180	.2113	270.
280.	.0949	.0907	.0831	.0810	.0908	.0792	.0773	.0810	.0778	.0801	.0823	.0845	.0864	280.
290.	.0670	.0724	.0678	.0689	.0699	.0666	.0660	.0651	.0608	.0617	.0601	.0654	.0666	290.
300.	.0637	.0652	.0650	.0639	.0589	.0596	.0576	.0597	.0577	.0599	.0568	.0597	.0631	300.
310.	.0682	.0636	.0621	.0633	.0558	.0601	.0586	.0600	.0595	.0590	.0549	.0606	.0643	310.
330.	.0649	.0594	.0615	.0621	.0560	.0568	.0554	.0575	.0581	.0560	.0605	.0633	.0667	330.
						FOR ALPHA = 3.50 DEG								
0.	.0530	.0497	.0508	.0535	.0427	.0441	.0451	.0443	.0450	.0451	.0478	.0535	.0563	0.
30.	.0551	.0494	.0517	.0521	.0442	.0451	.0437	.0470	.0478	.0444	.0498	.0525	.0545	30.
50.	.0559	.0516	.0492	.0518	.0457	.0475	.0460	.0483	.0473	.0455	.0445	.0479	.0533	50.
60.	.0509	.0513	.0507	.0512	.0477	.0471	.0469	.0483	.0453	.0452	.0447	.0437	.0493	60.
70.	.0524	.0543	.0510	.0531	.0537	.0497	.0531	.0488	.0465	.0458	.0434	.0501	.0496	70.
80.	.0702	.0618	.0574	.0552	.0612	.0495	.0535	.0511	.0511	.0510	.0517	.0519	.0557	80.
90.	.1828	.1776	.1799	.1759	.1792	.1715	.1683	.1696	.1686	.1691	.1692	.1726	.1745	90.
100.	.1881	.1819	.1819	.1827	.1897	.1726	.1774	.1707	.1675	.1747	.1813	.1842	.1880	100.
110.	.1615	.1576	.1575	.1605	.1554	.1531	.1572	.1523	.1470	.1484	.1482	.1532	.1589	110.
120.	.1492	.1497	.1488	.1470	.1383	.1393	.1433	.1473	.1392	.1396	.1427	.1380	.1409	120.
130.	.1502	.1433	.1442	.1468	.1359	.1355	.1396	.1429	.1375	.1386	.1364	.1424	.1446	130.
150.	.1452	.1418	.1407	.1431	.1336	.1336	.1321	.1347	.1325	.1322	.1402	.1451	.1440	150.
180.	.1419	.1409	.1412	.1420	.1299	.1314	.1324	.1306	.1315	.1302	.1370	.1436	.1478	180.
210.	.1478	.1409	.1445	.1415	.1355	.1340	.1340	.1335	.1346	.1334	.1407	.1414	.1500	210.
230.	.1547	.1453	.1466	.1460	.1403	.1425	.1414	.1425	.1465	.1416	.1349	.1443	.1493	230.
240.	.1546	.1529	.1534	.1501	.1469	.1480	.1469	.1465	.1480	.1459	.1449	.1469	.1499	240.
250.	.1725	.1715	.1659	.1654	.1719	.1630	.1603	.1615	.1583	.1597	.1564	.1656	.1651	250.
260.	.2094	.2057	.1997	.1942	.2118	.1899	.1916	.1933	.1899	.1950	.1960	.1996	.2009	260.
270.	.2190	.2149	.2138	.2136	.2123	.2041	.2050	.2068	.2034	.2073	.2075	.2109	.2061	270.
280.	.0765	.0698	.0641	.0622	.0672	.0556	.0557	.0582	.0566	.0567	.0569	.0618	.0627	280.
290.	.0521	.0568	.0517	.0529	.0549	.0513	.0519	.0519	.0469	.0463	.0445	.0508	.0497	290.
300.	.0511	.0521	.0524	.0509	.0470	.0469	.0459	.0477	.0440	.0462	.0437	.0459	.0498	300.
310.	.0558	.0505	.0500	.0500	.0449	.0487	.0465	.0477	.0480	.0471	.0437	.0503	.0531	310.
330.	.0539	.0484	.0511	.0501	.0455	.0463	.0449	.0465	.0479	.0450	.0497	.0531	.0544	330.
						FOR ALPHA = 5.50 DEG								
0.	.0358	.0321	.0341	.0347	.0251	.0266	.0276	.0258	.0268	.0255	.0299	.0355	.0373	0.
30.	.0343	.0309	.0326	.0311	.0255	.0265	.0261	.0270	.0291	.0271	.0317	.0348	.0354	30.
50.	.0338	.0311	.0295	.0296	.0261	.0268	.0276	.0279	.0266	.0268	.0246	.0287	.0323	50.
60.	.0275	.0279	.0287	.0276	.0244	.0251	.0248	.0266	.0224	.0258	.0236	.0258	.0269	60.
70.	.0271	.0275	.0262	.0251	.0240	.0219	.0230	.0214	.0176	.0175	.0182	.0226	.0198	70.
80.	.0306	.0238	.0201	.0190	.0214	.0155	.0146	.0182	.0109	.0115	.0135	.0134	.0131	80.
90.	.1642	.1590	.1614	.1599	.1571	.1513	.1515	.1517	.1488	.1510	.1523	.1559	.1571	90.
100.	.2190	.2168	.2085	.2145	.2220	.2069	.2024	.2001	.1999	.2067	.2112	.2125	.2140	100.
110.	.1891	.1964	.1896	.1919	.1873	.1901	.1905	.1844	.1799	.1787	.1780	.1905	.1944	110.
120.	.1807	.1792	.1822	.1801	.1728	.1760	.1728	.1824	.1718	.1754	.1685	.1697	.1734	120.
130.	.1827	.1750	.1775	.1774	.1650	.1723	.1702	.1732	.1691	.1719	.1680	.1735	.1776	130.
150.	.1774	.1730	.1764	.1776	.1653	.1620	.1641	.1662	.1660	.1671	.1712	.1787	.1751	150.
180.	.1770	.1720	.1759	.1758	.1621	.1636	.1659	.1629	.1634	.1638	.1709	.1748	.1776	180.
210.	.1831	.1753	.1786	.1811	.1703	.1679	.1688	.1677	.1685	.1658	.1747	.1788	.1821	210.
230.	.1899	.1790	.1824	.1831	.1756	.1761	.1798	.1747	.1726	.1778	.1708	.1781	.1849	230.
240.	.1923	.1896	.1905	.1866	.1810	.1819	.1820	.1856	.1812	.1822	.1812	.1842	.1864	240.
250.	.2103	.2068	.2066	.2004	.1989	.1998	.1970	.1961	.1943	.1965	.1937	.2031	.2094	250.
260.	.2437	.2395	.2345	.2329	.2468	.2260	.2279	.2314	.2268	.2296	.2339	.2368	.2376	260.
270.	.2048	.1979	.1981	.1973	.1971	.1894	.1922	.1915	.1891	.1918	.1902	.1930	.1903	270.
280.	.0385	.0294	.0235	.0228	.0299	.0189	.0181	.0195	.0177	.0153	.0170	.0204	.0203	280.
290.	.0250	.0265	.0239	.0262	.0234	.0217	.0212	.0210	.0171	.0163	.0153	.0205	.0189	290.
300.	.0264	.0260	.0262	.0266	.0245	.0238	.0229	.0245	.0233	.0240	.0201	.0228	.0266	300.
310.	.0330	.0302	.0302	.0303	.0247	.0264	.0260	.0288	.0261	.0255	.0221	.0275	.0312	310.
330.	.0348	.0309	.0329	.0310	.0267	.0269	.0258	.0271	.0291	.0254	.0295	.0331	.0376	330.

TABLE V. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 10.50 DEG							
0.	-.0006	-.0047		-.0092	-.0086	-.0089	-.0058	-.0036	.1030	.0068	-.0047	-.0015	-.0004	-.0039
30.			-.0172	-.0088	-.0083	-.0089	-.0059	-.0040	-.0044	-.0054	-.0022	-.0042	-.0064	-.0029
50.	-.0071	-.0199	-.0311	-.0355	-.0319	-.0044	-.0105	-.0084	-.0081	-.0095	-.0095	-.0145	-.0124	-.0090
60.				-.0358	-.0362	-.0433	-.0401	-.0312	-.0266	-.0246	-.0231	-.0273	-.0198	-.0170
70.		-.0250	-.0392	-.0472	-.0538	-.0601	-.0636	-.0672	-.0675	-.0667	-.0668	-.0667	-.0663	-.0573
80.			-.0551	-.0656	-.0710	-.0757	-.0752	-.0794	-.0824	-.0838	-.0886	-.0898	-.0892	-.0898
90.	.1337	.1190	.1253	.1100	.1172	.1200	.1242	.1183	.1203	.1167	.1147	.1127	.1120	.1154
100.			.2879	.2856	.2843	.2730	.2931	.2936	.2932	.2967	.2873	.2837	.2907	.2934
110.		.2856	.2813	.2775	.2756	.2728	.2853	.2892	.2955	.2869	.2837	.2834	.2859	.2951
120.				.2704	.2696	.2676	.2741	.2794	.2859	.2834	.2793	.2677	.2833	.2869
130.	.2900	.2782	.2651	.2690	.2686	.2754	.2774	.2772	.2815	.2809	.2808	.2709	.2802	.2825
150.			.2545	.2732	.2699	.2691	.2720	.2745	.2729	.2755	.2795	.2730	.2747	.2822
180.	.2890	.2780		.2702	.2684	.2678	.2730	.2730	.1803	.2799	.2729	.2791	.2788	.2755
210.			.2603	.2722	.2714	.2710	.2752	.2765	.2729	.2732	.2855	.2774	.2735	.2814
230.	.2896	.2830	.2682	.2698	.2739	.2807	.2823	.2826	.2852	.2856	.2891	.2818	.2843	.2939
240.				.2785	.2744	.2748	.2914	.2892	.2875	.2895	.2921	.2826	.2952	.2984
250.		.3016	.2958	.2908	.2886	.2888	.3028	.3072	.3035	.3042	.3047	.3002	.3061	.3145
260.			.3113	.3100	.3037	.3009	.3226	.3214	.3211	.3265	.3192	.3195	.3204	.3244
270.	.1699	.1605	.1669	.1502	.1581	.1601	.1678	.1629	.1630	.1604	.1555	.1554	.1546	.1568
280.			-.0604	-.0706	-.0757	-.0827	-.0790	-.0857	-.0850	-.0868	-.0872	-.0881	-.0853	-.0851
290.		-.0233	-.0419	-.0499	-.0540	-.0601	-.0635	-.0688	-.0680	-.0727	-.0707	-.0748	-.0688	-.0706
300.				-.0367	-.0472	-.0532	-.0483	-.0432	-.0335	-.0306	-.0253	-.0301	-.0216	-.0224
310.	-.0091	-.0190	-.0345	-.0357	-.0314	-.0143	-.0217	-.0176	-.0155	-.0168	-.0144	-.0182	-.0134	-.0133
330.			-.0139	-.0106	-.0079	-.0095	-.0075	-.0065	-.0074	-.0082	-.0032	-.0059	-.0070	-.0029
							FOR ALPHA = 15.51 DEG							
0.	-.0332	-.0379		-.0367	-.0366	-.0381	-.0362	-.0346	.0602	-.0237	-.0371	-.0340	-.0319	-.0331
30.			-.0509	-.0374	-.0395	-.0384	-.0365	-.0365	-.0384	-.0381	-.0350	-.0348	-.0355	-.0315
50.	-.0582	-.0821	-.0987	-.1044	-.1154	-.0941	-.0937	-.0883	-.0890	-.0892	-.0890	-.0971	-.0895	-.0885
60.				-.1123	-.1214	-.1292	-.1346	-.1297	-.1275	-.1278	-.1312	-.1316	-.1289	-.1290
70.		-.0918	-.1021	-.1121	-.1162	-.1193	-.1236	-.1248	-.1242	-.1256	-.1279	-.1278	-.1257	-.1226
80.			-.1096	-.1153	-.1178	-.1201	-.1203	-.1219	-.1220	-.1233	-.1260	-.1263	-.1242	-.1226
90.	.1006	.0797	.0898	.0665	.0746	.0830	.0881	.0842	.0842	.0806	.0732	.0705	.0697	.0719
100.			.3636	.3743	.3608	.3528	.3747	.3709	.3661	.3760	.3703	.3691	.3680	.3797
110.		.3945	.3898	.3839	.3863	.3767	.3892	.3983	.3933	.3953	.3925	.3839	.3953	.4025
120.				.3823	.3809	.3795	.3868	.3961	.3926	.3956	.3943	.3802	.3934	.4050
130.	.4002	.3898	.3792	.3807	.3868	.3820	.3842	.3938	.4008	.3921	.3958	.3886	.3921	.4045
150.			.3604	.3854	.3878	.3835	.3834	.3913	.3886	.3936	.3991	.3948	.3855	.4023
180.	.4081	.3909		.3861	.3859	.3869	.3934	.3937	.1517	.3963	.3882	.3976	.4018	.3914
210.			.3779	.3875	.3845	.3914	.3934	.3920	.3956	.3950	.4048	.3955	.4028	.4028
230.	.4057	.3905	.3931	.3914	.3866	.3951	.4005	.3970	.4110	.4026	.4044	.4034	.4060	.4185
240.				.3876	.3934	.3922	.4052	.4050	.4162	.4060	.4065	.4042	.4187	.4168
250.		.4064	.3985	.3954	.4048	.3983	.4097	.4211	.4174	.4181	.4126	.4087	.4210	.4237
260.			.3983	.4014	.4041	.3869	.4074	.4121	.4089	.4090	.4051	.4025	.4145	.4061
270.	.1388	.1218	.1316	.1064	.1185	.1241	.1345	.1281	.1278	.1240	.1186	.1159	.1127	.1167
280.			-.1210	-.1272	-.1292	-.1295	-.1255	-.1275	-.1282	-.1296	-.1321	-.1323	-.1301	-.1282
290.		-.0930	-.1041	-.1132	-.1160	-.1187	-.1200	-.1221	-.1236	-.1241	-.1252	-.1255	-.1248	-.1214
300.				-.1094	-.1208	-.1255	-.1237	-.1233	-.1228	-.1238	-.1250	-.1275	-.1250	-.1230
310.	-.0830	-.0981	-.1117	-.1163	-.1147	-.0996	-.1270	-.1328	-.1291	-.1293	-.1251	-.1281	-.1246	-.1219
330.			-.0487	-.0437	-.0416	-.0386	-.0325	-.0337	-.0355	-.0367	-.0330	-.0346	-.0351	-.0313
							FOR ALPHA = 20.50 DEG							
0.	-.0700	-.0741		-.0661	-.0661	-.0677	-.0681	-.0672	.0195	-.0501	-.0660	-.0634	-.0617	-.0626
30.			-.0841	-.0688	-.0749	-.0750	-.0746	-.0737	-.0748	-.0755	-.0707	-.0707	-.0724	-.0693
50.	-.1212	-.1471	-.1474	-.1620	-.1659	-.1388	-.1693	-.1703	-.1717	-.1715	-.1711	-.1716	-.1699	-.1687
60.				-.1552	-.1616	-.1639	-.1645	-.1655	-.1666	-.1661	-.1667	-.1667	-.1655	-.1623
70.		-.1351	-.1445	-.1475	-.1549	-.1549	-.1581	-.1582	-.1583	-.1586	-.1600	-.1588	-.1577	-.1548
80.			-.1464	-.1509	-.1551	-.1543	-.1529	-.1533	-.1531	-.1531	-.1553	-.1548	-.1545	-.1522
90.	.0686	.0511	.0555	.0298	.0399	.0459	.0546	.0513	.0509	.0474	.0439	.0415	.0379	.0394
100.			.4495	.4498	.4493	.4416	.4556	.4620	.4577	.4567	.4504	.4494	.4516	.4568
110.		.5046	.5049	.4960	.4984	.4987	.5102	.5203	.5112	.5132	.5052	.5071	.5208	.5142
120.				.5077	.5019	.5088	.5182	.5203	.5217	.5264	.5170	.5165	.5322	.5305
130.	.5319	.5191	.5195	.5112	.5090	.5189	.5254	.5262	.5282	.5288	.5367	.5283	.5272	.5390
150.			.5137	.5219	.5100	.5198	.5233	.5269	.5199	.5235	.5371	.5332	.5249	.5391
180.	.5475	.5296		.5187	.5146	.5234	.5318	.5333	.1229	.5318	.5286	.5380	.5382	.5320
210.			.5155	.5209	.5191	.5301	.5354	.5330	.5345	.5264	.5487	.5326	.5251	.5395
230.	.5446	.5327	.5310	.5241	.5176	.5277	.5417	.5368	.5423	.5364	.5435	.5310	.5376	.5524
240.				.5251	.5263	.5213	.5464	.5411	.5358	.5340	.5390	.5315	.5411	.5491
250.		.5305	.5288	.5210	.5232	.5197	.5388	.5404	.5397	.5363	.5377	.5354	.5394	.5478
260.			.4952	.4937	.4859	.4714	.5003	.5055	.4934	.4940	.4905	.4945	.4960	.5001
270.	.1079	.0875	.0931	.0700	.0819	.0863	.0980	.0932	.0915	.0879	.0829	.0805	.0784	.0802
280.		.	-.1564	-.1559	-.1600	-.1597	-.1570	-.1568	-.1569	-.1570	-.1587	-.1583	-.1567	-.1538
290.		-.1353	-.1445	-.1464	-.1522	-.1530	-.1572	-.1576	-.1572	-.1575	-.1584	-.1575	-.1564	-.1532
300.				-.1512	-.1530	-.1521	-.1515	-.1530	-.1571	-.1582	-.1588	-.1592	-.1560	-.1533
310.	-.1373	-.1453	-.1440	-.1526	-.1580	-.1347	-.1627	-.1633	-.1642	-.1647	-.1646	-.1654	-.1642	-.1637
330.			-.1083	-.0924	-.0889	-.0891	-.0878	-.0869	-.0910	-.0906	-.0845	-.0867	-.0867	-.0827

TABLE V. - CONTINUED

(F) MACH = 2.50, BETA = 1.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.50 DEG								
0.	-.0052	-.0089	-.0069	-.0063	-.0126	-.0128	-.0111	-.0117	-.0103	-.0117	-.0076	-.0042	-.0022	0.
30.	-.0058	-.0108	-.0085	-.0082	-.0125	-.0118	-.0119	-.0117	-.0075	-.0125	-.0084	-.0069	-.0058	30.
50.	-.0120	-.0154	-.0168	-.0143	-.0178	-.0158	-.0159	-.0153	-.0171	-.0179	-.0198	-.0171	-.0156	50.
60.	-.0233	-.0232	-.0216	-.0239	-.0223	-.0242	-.0241	-.0242	-.0276	-.0266	-.0287	-.0288	-.0266	60.
70.	-.0571	-.0528	-.0534	-.0504	-.0511	-.0485	-.0467	-.0482	-.0503	-.0499	-.0519	-.0474	-.0462	70.
80.	-.0731	-.0935	-.0971	-.1010	-.1015	-.1097	-.1116	-.1122	-.1147	-.1152	-.1147	-.1126	-.1114	80.
90.	.1144	.1122	.1105	.1077	.1030	.0984	.0982	.0975	.0971	.1003	.0984	.1046	.1039	90.
100.	.3002	.2988	.2867	.2839	.3058	.2774	.2734	.2863	.2791	.2824	.2832	.2864	.2926	100.
110.	.2890	.2864	.2867	.2861	.2847	.2792	.2780	.2758	.2708	.2723	.2672	.2825	.2849	110.
120.	.2755	.2758	.2780	.2771	.2737	.2770	.2708	.2709	.2674	.2666	.2596	.2688	.2692	120.
130.	.2805	.2727	.2707	.2773	.2660	.2674	.2707	.2693	.2675	.2620	.2545	.2695	.2735	130.
150.	.2760	.2645	.2728	.2724	.2590	.2592	.2595	.2647	.2668	.2640	.2700	.2694	.2748	150.
180.	.2770	.2700	.2743	.2727	.2582	.2615	.2600	.2605	.2599	.2592	.2692	.2725	.2783	180.
210.	.2820	.2715	.2745	.2736	.2642	.2633	.2601	.2663	.2626	.2626	.2707	.2729	.2802	210.
230.	.2929	.2774	.2796	.2834	.2703	.2756	.2768	.2726	.2711	.2743	.2647	.2731	.2801	230.
240.	.2889	.2879	.2849	.2874	.2796	.2832	.2795	.2815	.2796	.2800	.2761	.2749	.2838	240.
250.	.3031	.3034	.3024	.2987	.2977	.3005	.2956	.2906	.2890	.2912	.2856	.2984	.3002	250.
260.	.3253	.3242	.3161	.3116	.3315	.3106	.3123	.3092	.3102	.3165	.3178	.3137	.3190	260.
270.	.1572	.1559	.1539	.1497	.1485	.1420	.1412	.1443	.1423	.1444	.1404	.1423	.1424	270.
280.	-.0677	-.0829	-.0885	-.0892	-.0897	-.0971	-.1004	-.0970	-.1010	-.0978	-.1002	-.0968	-.0975	280.
290.	-.0709	-.0693	-.0686	-.0669	-.0671	-.0635	-.0638	-.0616	-.0630	-.0581	-.0630	-.0576	-.0593	290.
300.	-.0268	-.0298	-.0257	-.0299	-.0274	-.0279	-.0290	-.0277	-.0307	-.0288	-.0322	-.0293	-.0283	300.
310.	-.0136	-.0188	-.0172	-.0180	-.0208	-.0189	-.0179	-.0179	-.0199	-.0184	-.0227	-.0192	-.0157	310.
330.	-.0064	-.0124	-.0104	-.0112	-.0138	-.0144	-.0129	-.0140	-.0085	-.0130	-.0096	-.0081	-.0067	330.
						FOR ALPHA = 15.51 DEG								
0.	-.0343	-.0378	-.0357	-.0348	-.0411	-.0405	-.0402	-.0401	-.0375	-.0400	-.0364	-.0342	-.0330	0.
30.	-.0361	-.0384	-.0367	-.0373	-.0397	-.0399	-.0397	-.0386	-.0331	-.0409	-.0372	-.0354	-.0336	30.
50.	-.0860	-.0902	-.0916	-.0916	-.0876	-.0873	-.0879	-.0887	-.0834	-.0917	-.0899	-.0872	-.0856	50.
60.	-.1346	-.1354	-.1348	-.1352	-.1272	-.1338	-.1349	-.1358	-.1358	-.1391	-.1377	-.1367	-.1351	60.
70.	-.1267	-.1281	-.1276	-.1282	-.1286	-.1288	-.1289	-.1305	-.1317	-.1334	-.1324	-.1283	-.1277	70.
80.	-.1001	-.1226	-.1235	-.1255	-.1250	-.1305	-.1300	-.1296	-.1307	-.1318	-.1323	-.1315	-.1330	80.
90.	.0723	.0699	.0716	.0653	.0600	.0510	.0535	.0564	.0526	.0549	.0545	.0594	.0628	90.
100.	.3735	.3696	.3622	.3647	.3821	.3591	.3666	.3602	.3615	.3663	.3627	.3697	.3712	100.
110.	.3903	.3885	.3915	.3890	.3873	.3829	.3917	.3827	.3854	.3818	.3700	.3853	.3974	110.
120.	.3962	.3959	.3883	.3939	.3802	.3819	.3828	.3898	.3794	.3784	.3777	.3787	.3908	120.
130.	.4007	.3790	.3860	.3910	.3815	.3834	.3887	.3822	.3821	.3746	.3734	.3839	.3973	130.
150.	.3984	.3826	.3854	.3919	.3840	.3869	.3778	.3872	.3739	.3695	.3864	.3929	.3907	150.
180.	.3915	.3897	.3913	.3948	.3777	.3766	.3791	.3782	.3807	.3749	.3877	.3932	.3992	180.
210.	.4014	.3970	.3969	.3929	.3862	.3839	.3875	.3823	.3797	.3804	.3861	.3989	.3994	210.
230.	.4086	.3910	.3961	.3972	.3965	.3967	.3937	.3982	.3942	.3879	.3803	.4056	.4032	230.
240.	.4068	.4020	.4086	.3980	.3977	.4029	.3933	.4082	.3969	.3907	.3941	.3921	.4021	240.
250.	.4183	.4130	.4079	.4156	.4110	.4101	.4113	.4203	.4052	.4007	.3983	.4124	.4073	250.
260.	.4105	.4103	.3956	.4022	.4214	.3927	.4050	.4044	.4012	.3969	.3924	.4027	.4044	260.
270.	.1173	.1139	.1118	.1108	.1047	.0985	.0960	.0950	.0905	.0994	.0997	.1054	.1060	270.
280.	-.1053	-.1283	-.1293	-.1305	-.1289	-.1362	-.1363	-.1377	-.1387	-.1345	-.1337	-.1364	-.1395	280.
290.	-.1247	-.1243	-.1269	-.1262	-.1280	-.1277	-.1279	-.1287	-.1304	-.1281	-.1292	-.1277	-.1293	290.
300.	-.1262	-.1270	-.1271	-.1274	-.1202	-.1244	-.1250	-.1220	-.1228	-.1168	-.1203	-.1232	-.1221	300.
310.	-.1238	-.1224	-.1270	-.1243	-.1249	-.1230	-.1258	-.1246	-.1265	-.1227	-.1254	-.1237	-.1252	310.
330.	-.0335	-.0380	-.0371	-.0372	-.0374	-.0378	-.0384	-.0378	-.0285	-.0361	-.0319	-.0313	-.0307	330.
						FOR ALPHA = 20.50 DEG								
0.	-.0653	-.0681	-.0677	-.0654	-.0692	-.0685	-.0678	-.0679	-.0679	-.0704	-.0666	-.0646	-.0613	0.
30.	-.0758	-.0779	-.0761	-.0751	-.0763	-.0746	-.0749	-.0744	-.0649	-.0741	-.0701	-.0688	-.0673	30.
50.	-.1698	-.1638	-.1713	-.1708	-.1705	-.1697	-.1705	-.1716	-.1726	-.1713	-.1720	-.1729	-.1746	50.
60.	-.1663	-.1662	-.1661	-.1666	-.1564	-.1646	-.1654	-.1662	-.1667	-.1646	-.1655	-.1669	-.1682	60.
70.	-.1590	-.1610	-.1614	-.1629	-.1640	-.1608	-.1607	-.1625	-.1640	-.1618	-.1618	-.1607	-.1610	70.
80.	-.1263	-.1533	-.1533	-.1547	-.1541	-.1574	-.1574	-.1582	-.1585	-.1565	-.1567	-.1573	-.1587	80.
90.	.0405	.0378	.0346	.0341	.0338	.0279	.0257	.0270	.0260	.0299	.0287	.0282	.0282	90.
100.	.4627	.4584	.4459	.4401	.4698	.4445	.4523	.4436	.4466	.4467	.4469	.4543	.4525	100.
110.	.5057	.5055	.5108	.5073	.5076	.5078	.5108	.5098	.5129	.4957	.4929	.5115	.5134	110.
120.	.5157	.5099	.5158	.5156	.5171	.5198	.5170	.5179	.5182	.5098	.5083	.5095	.5216	120.
130.	.5260	.5142	.5222	.5186	.5163	.5169	.5252	.5207	.5181	.5104	.5050	.5219	.5370	130.
150.	.5261	.5209	.5249	.5229	.5152	.5114	.5162	.5223	.5123	.5124	.5284	.5276	.5383	150.
180.	.5335	.5257	.5268	.5303	.5158	.5215	.5226	.5170	.5186	.5115	.5291	.5365	.5379	180.
210.	.5399	.5279	.5228	.5295	.5244	.5254	.5249	.5291	.5170	.5257	.5312	.5341	.5404	210.
230.	.5482	.5263	.5278	.5351	.5358	.5396	.5374	.5395	.5261	.5305	.5138	.5267	.5343	230.
240.	.5366	.5348	.5349	.5366	.5323	.5434	.5330	.5387	.5298	.5249	.5182	.5211	.5337	240.
250.	.5377	.5385	.5343	.5400	.5278	.5449	.5407	.5302	.5240	.5234	.5192	.5280	.5352	250.
260.	.4980	.4998	.4880	.4827	.5065	.4848	.4863	.4917	.4867	.4936	.4948	.4877	.5005	260.
270.	.0833	.0783	.0761	.0711	.0687	.0602	.0619	.0647	.0608	.0634	.0640	.0645	.0674	270.
280.	-.1283	-.1540	-.1546	-.1556	-.1548	-.1599	-.1594	-.1594	-.1601	-.1623	-.1625	-.1626	-.1632	280.
290.	-.1567	-.1578	-.1590	-.1595	-.1603	-.1590	-.1599	-.1603	-.1600	-.1634	-.1628	-.1619	-.1620	290.
300.	-.1571	-.1566	-.1563	-.1565	-.1462	-.1537	-.1549	-.1546	-.1558	-.1595	-.1589	-.1596	-.1572	300.
310.	-.1657	-.1595	-.1670	-.1666	-.1659	-.1652	-.1660	-.1663	-.1669	-.1716	-.1719	-.1720	-.1684	310.
330.	-.0889	-.0900	-.0906	-.0902	-.0892	-.0876	-.0896	-.0866	-.0829	-.0926	-.0870	-.0881	-.0819	330.

TABLE V. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.50 DEG								
0.	.1776	.1647		.1511	.1528	.1540	.1561	.1586	.2093	.1625	.1557	.1618	.1614	.1572
30.			.1439	.1407	.1507	.1496	.1546	.1561	.1518	.1536	.1584	.1543	.1539	.1585
50.	.1745	.1632	.1463	.1446	.1469	.1543	.1548	.1532	.1556	.1545	.1547	.1516	.1552	.1597
60.				.1513	.1450	.1461	.1526	.1538	.1561	.1560	.1532	.1495	.1596	.1608
70.		.1656	.1471	.1533	.1488	.1478	.1565	.1619	.1615	.1581	.1565	.1570	.1608	.1662
80.			.1646	.1636	.1627	.1575	.1707	.1731	.1721	.1739	.1691	.1658	.1716	.1725
90.	.1499	.1434	.1448	.1387	.1366	.1391	.1422	.1419	.1419	.1398	.1365	.1379	.1372	.1406
100.			.0494	.0376	.0377	.0325	.0396	.0423	.0390	.0430	.0387	.0416	.0428	.0446
110.		.0522	.0404	.0349	.0362	.0333	.0368	.0407	.0415	.0409	.0403	.0406	.0423	.0462
120.				.0379	.0380	.0385	.0409	.0431	.0449	.0452	.0455	.0424	.0476	.0493
130.	.0582	.0519	.0390	.0400	.0395	.0506	.0435	.0465	.0475	.0464	.0476	.0440	.0462	.0502
150.			.0396	.0397	.0400	.0403	.0489	.0461	.0453	.0454	.0492	.0465	.0457	.0499
180.	.0565	.0489		.0377	.0392	.0397	.0455	.0463	.1892	.0528	.0428	.0477	.0485	.0458
210.			.0336	.0341	.0349	.0383	.0420	.0439	.0432	.0415	.0449	.0454	.0449	.0473
230.	.0538	.0425	.0317	.0320	.0325	.0444	.0378	.0402	.0392	.0410	.0388	.0396	.0428	.0450
240.				.0294	.0301	.0296	.0349	.0388	.0383	.0366	.0348	.0337	.0391	.0402
250.		.0492	.0362	.0315	.0286	.0289	.0317	.0376	.0390	.0342	.0313	.0322	.0341	.0371
260.			.0611	.0629	.0595	.0508	.0608	.0633	.0624	.0647	.0635	.0612	.0647	.0699
270.	.2519	.2446	.2522	.2507	.2472	.2477	.2502	.2553	.2566	.2541	.2515	.2515	.2517	.2544
280.			.2233	.2286	.2247	.2196	.2327	.2326	.2390	.2371	.2355	.2323	.2362	.2347
290.		.1965	.1820	.1885	.1836	.1814	.1897	.1958	.1987	.1949	.1935	.1931	.1990	.2008
300.				.1731	.1674	.1654	.1755	.1803	.1778	.1767	.1771	.1701	.1853	.1794
310.	.1857	.1704	.1606	.1632	.1605	.1698	.1676	.1743	.1718	.1698	.1707	.1676	.1724	.1752
330.			.1498	.1542	.1579	.1606	.1602	.1636	.1623	.1602	.1662	.1650	.1611	.1652
						FOR ALPHA = -2.50 DEG								
0.	.1403	.1281		.1159	.1201	.1231	.1272	.1253	.2142	.1316	.1242	.1297	.1299	.1272
30.			.1108	.1065	.1175	.1217	.1215	.1237	.1223	.1235	.1278	.1263	.1246	.1275
50.	.1366	.1297	.1136	.1092	.1165	.1261	.1245	.1262	.1270	.1261	.1268	.1227	.1237	.1309
60.				.1152	.1140	.1150	.1235	.1266	.1277	.1256	.1266	.1212	.1302	.1312
70.		.1331	.1168	.1226	.1199	.1181	.1287	.1333	.1305	.1297	.1277	.1278	.1317	.1364
80.			.1310	.1338	.1352	.1292	.1458	.1460	.1455	.1470	.1440	.1435	.1431	.1472
90.	.1574	.1510	.1565	.1503	.1492	.1510	.1524	.1536	.1581	.1570	.1534	.1567	.1540	.1574
100.			.0745	.0748	.0697	.0701	.0747	.0734	.0742	.0813	.0777	.0760	.0802	.0805
110.		.0749	.0620	.0616	.0625	.0607	.0640	.0647	.0684	.0698	.0641	.0644	.0702	.0727
120.				.0579	.0611	.0599	.0665	.0674	.0660	.0693	.0673	.0626	.0702	.0738
130.	.0800	.0738	.0579	.0606	.0609	.0708	.0672	.0672	.0672	.0668	.0693	.0638	.0684	.0743
150.			.0566	.0585	.0606	.0633	.0672	.0648	.0649	.0640	.0718	.0690	.0659	.0731
180.	.0794	.0719		.0578	.0614	.0628	.0658	.0672	.2117	.0734	.0639	.0683	.0689	.0661
210.			.0568	.0571	.0565	.0614	.0641	.0673	.0659	.0648	.0671	.0657	.0644	.0704
230.	.0794	.0683	.0575	.0558	.0555	.0689	.0625	.0668	.0661	.0662	.0670	.0645	.0673	.0721
240.				.0600	.0576	.0578	.0629	.0666	.0647	.0672	.0644	.0644	.0736	.0717
250.		.0813	.0671	.0638	.0623	.0604	.0681	.0722	.0715	.0711	.0693	.0693	.0747	.0739
260.			.1027	.1020	.0968	.0938	.1049	.1064	.1098	.1098	.1081	.1041	.1055	.1083
270.	.2583	.2564	.2641	.2590	.2537	.2575	.2630	.2645	.2678	.2632	.2604	.2595	.2610	.2648
280.			.1863	.1875	.1829	.1811	.1955	.1975	.1952	.2024	.1942	.1925	.1936	.1996
290.		.1578	.1432	.1465	.1436	.1450	.1528	.1594	.1589	.1594	.1522	.1506	.1572	.1601
300.				.1370	.1319	.1288	.1375	.1438	.1417	.1424	.1404	.1351	.1433	.1455
310.	.1472	.1351	.1240	.1266	.1270	.1361	.1355	.1384	.1385	.1387	.1356	.1332	.1356	.1412
330.			.1183	.1188	.1214	.1248	.1306	.1315	.1316	.1293	.1295	.1293	.1270	.1328
						FOR ALPHA = -1.50 DEG								
0.	.1275	.1178		.1024	.1086	.1097	.1120	.1134	.2163	.1161	.1102	.1150	.1166	.1119
30.			.0966	.0941	.1038	.1077	.1086	.1115	.1096	.1088	.1151	.1132	.1077	.1155
50.	.1236	.1182	.1012	.0982	.1015	.1128	.1106	.1125	.1132	.1117	.1147	.1081	.1128	.1187
60.				.1018	.1025	.1010	.1114	.1128	.1103	.1129	.1106	.1065	.1167	.1214
70.		.1182	.1030	.1082	.1069	.1060	.1160	.1176	.1186	.1170	.1137	.1143	.1196	.1232
80.			.1206	.1210	.1169	.1173	.1289	.1298	.1312	.1364	.1305	.1277	.1323	.1316
90.	.1623	.1574	.1609	.1554	.1541	.1551	.1584	.1599	.1617	.1598	.1598	.1601	.1581	.1624
100.			.0681	.0895	.0897	.0858	.0947	.0894	.0903	.0976	.0953	.0922	.0950	.0959
110.		.0898	.0744	.0752	.0733	.0731	.0782	.0791	.0822	.0825	.0801	.0794	.0827	.0848
120.				.0700	.0717	.0705	.0759	.0783	.0803	.0815	.0820	.0740	.0820	.0853
130.	.0935	.0866	.0705	.0704	.0718	.0822	.0772	.0776	.0771	.0774	.0814	.0754	.0799	.0852
150.			.0673	.0676	.0712	.0757	.0774	.0763	.0752	.0735	.0809	.0793	.0790	.0840
180.	.0917	.0828		.0668	.0734	.0741	.0773	.0779	.2161	.0851	.0756	.0793	.0797	.0771
210.			.0680	.0681	.0721	.0734	.0770	.0793	.0774	.0766	.0795	.0776	.0785	.0826
230.	.0925	.0823	.0708	.0711	.0721	.0820	.0789	.0800	.0797	.0811	.0817	.0760	.0809	.0851
240.				.0776	.0724	.0732	.0783	.0816	.0833	.0830	.0808	.0768	.0843	.0864
250.		.0995	.0850	.0799	.0806	.0798	.0878	.0883	.0902	.0880	.0865	.0863	.0905	.0943
260.			.1251	.1214	.1226	.1149	.1280	.1244	.1250	.1305	.1245	.1248	.1277	.1313
270.	.2614	.2608	.2659	.2620	.2559	.2615	.2662	.2660	.2708	.2677	.2619	.2669	.2648	.2673
280.			.1736	.1672	.1684	.1608	.1817	.1747	.1790	.1823	.1784	.1745	.1788	.1784
290.		.1449	.1270	.1273	.1314	.1252	.1374	.1365	.1379	.1385	.1335	.1342	.1400	.1447
300.				.1203	.1173	.1138	.1248	.1255	.1250	.1234	.1265	.1175	.1283	.1292
310.	.1325	.1227	.1131	.1136	.1129	.1184	.1216	.1216	.1237	.1191	.1211	.1143	.1183	.1240
330.			.1039	.1062	.1126	.1102	.1168	.1178	.1154	.1124	.1176	.1138	.1128	.1162

TABLE V. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.50 DEG								
0.	.1547	.1525	.1555	.1552	.1426	.1450	.1441	.1447	.1445	.1433	.1530	.1557	.1600	0.
30.	.1532	.1493	.1529	.1525	.1432	.1422	.1437	.1451	.1432	.1453	.1487	.1506	.1544	30.
50.	.1567	.1501	.1489	.1532	.1433	.1486	.1496	.1459	.1448	.1418	.1364	.1466	.1518	50.
60.	.1528	.1510	.1535	.1521	.1465	.1503	.1450	.1469	.1439	.1415	.1415	.1446	.1470	60.
70.	.1587	.1607	.1608	.1577	.1574	.1512	.1508	.1512	.1491	.1469	.1472	.1590	.1583	70.
80.	.1764	.1730	.1649	.1628	.1774	.1582	.1624	.1652	.1637	.1661	.1691	.1695	.1712	80.
90.	.1419	.1351	.1342	.1328	.1345	.1330	.1375	.1367	.1365	.1341	.1352	.1379	.1339	90.
100.	.0534	.0432	.0402	.0375	.0406	.0389	.0422	.0427	.0409	.0400	.0412	.0386	.0395	100.
110.	.0419	.0474	.0416	.0416	.0402	.0442	.0425	.0447	.0419	.0408	.0407	.0434	.0433	110.
120.	.0422	.0434	.0436	.0417	.0472	.0464	.0458	.0469	.0428	.0416	.0408	.0420	.0448	120.
130.	.0469	.0435	.0416	.0432	.0449	.0507	.0475	.0476	.0460	.0416	.0377	.0443	.0480	130.
150.	.0459	.0423	.0426	.0434	.0450	.0460	.0458	.0463	.0458	.0428	.0476	.0493	.0498	150.
180.	.0433	.0410	.0424	.0426	.0374	.0395	.0389	.0385	.0369	.0385	.0418	.0453	.0469	180.
210.	.0428	.0388	.0403	.0400	.0367	.0354	.0350	.0357	.0352	.0326	.0385	.0401	.0442	210.
230.	.0422	.0405	.0378	.0393	.0344	.0356	.0367	.0371	.0355	.0348	.0342	.0378	.0378	230.
240.	.0363	.0362	.0403	.0394	.0341	.0347	.0361	.0360	.0338	.0325	.0332	.0340	.0336	240.
250.	.0355	.0385	.0392	.0394	.0390	.0364	.0421	.0405	.0322	.0331	.0322	.0352	.0351	250.
260.	.0701	.0661	.0638	.0584	.0658	.0479	.0529	.0559	.0467	.0448	.0495	.0490	.0527	260.
270.	.2574	.2486	.2504	.2482	.2447	.2380	.2447	.2450	.2422	.2414	.2405	.2452	.2447	270.
280.	.2374	.2318	.2329	.2250	.2384	.2206	.2226	.2267	.2208	.2225	.2258	.2294	.2334	280.
290.	.1959	.1917	.1903	.1889	.1885	.1841	.1876	.1861	.1801	.1797	.1775	.1922	.1878	290.
300.	.1718	.1701	.1732	.1688	.1642	.1647	.1689	.1672	.1637	.1641	.1636	.1679	.1710	300.
310.	.1719	.1621	.1625	.1650	.1576	.1561	.1603	.1605	.1582	.1579	.1563	.1627	.1664	310.
330.	.1609	.1529	.1596	.1546	.1490	.1482	.1491	.1475	.1486	.1464	.1590	.1595	.1632	330.
						FOR ALPHA = -2.50 DEG								
0.	.1251	.1226	.1235	.1257	.1117	.1130	.1133	.1135	.1142	.1134	.1205	.1262	.1287	0.
30.	.1268	.1207	.1235	.1227	.1150	.1159	.1116	.1153	.1134	.1142	.1202	.1223	.1237	30.
50.	.1278	.1215	.1205	.1227	.1157	.1157	.1167	.1164	.1150	.1121	.1095	.1177	.1201	50.
60.	.1259	.1263	.1230	.1234	.1174	.1195	.1177	.1187	.1157	.1134	.1122	.1128	.1178	60.
70.	.1328	.1306	.1296	.1291	.1281	.1219	.1237	.1223	.1182	.1190	.1181	.1280	.1284	70.
80.	.1514	.1484	.1436	.1400	.1509	.1341	.1371	.1358	.1358	.1381	.1412	.1417	.1447	80.
90.	.1573	.1542	.1533	.1498	.1499	.1516	.1517	.1539	.1538	.1522	.1511	.1557	.1516	90.
100.	.0875	.0813	.0748	.0709	.0775	.0746	.0755	.0781	.0776	.0700	.0741	.0796	.0807	100.
110.	.0691	.0705	.0661	.0674	.0658	.0728	.0706	.0673	.0682	.0652	.0633	.0692	.0728	110.
120.	.0658	.0644	.0663	.0637	.0687	.0699	.0671	.0683	.0646	.0633	.0608	.0638	.0689	120.
130.	.0663	.0613	.0625	.0637	.0662	.0688	.0670	.0686	.0660	.0641	.0598	.0634	.0703	130.
150.	.0666	.0611	.0622	.0636	.0651	.0643	.0658	.0658	.0650	.0639	.0672	.0690	.0706	150.
180.	.0651	.0608	.0627	.0642	.0565	.0578	.0598	.0582	.0585	.0579	.0629	.0667	.0685	180.
210.	.0655	.0611	.0641	.0614	.0574	.0555	.0556	.0552	.0571	.0528	.0611	.0630	.0652	210.
230.	.0703	.0642	.0633	.0625	.0584	.0586	.0613	.0612	.0605	.0583	.0574	.0600	.0638	230.
240.	.0658	.0628	.0663	.0642	.0612	.0602	.0626	.0631	.0585	.0605	.0604	.0596	.0642	240.
250.	.0735	.0731	.0751	.0742	.0740	.0687	.0731	.0698	.0663	.0664	.0677	.0756	.0709	250.
260.	.1131	.1071	.1054	.1009	.1053	.0925	.0972	.0951	.0951	.0983	.0986	.1026	.1021	260.
270.	.2645	.2615	.2613	.2585	.2591	.2522	.2552	.2557	.2532	.2542	.2517	.2600	.2547	270.
280.	.2016	.2008	.1938	.1885	.2039	.1845	.1876	.1871	.1875	.1863	.1875	.1922	.1946	280.
290.	.1543	.1578	.1556	.1559	.1529	.1463	.1507	.1493	.1455	.1452	.1461	.1528	.1555	290.
300.	.1346	.1347	.1356	.1383	.1308	.1337	.1322	.1332	.1326	.1319	.1321	.1333	.1402	300.
310.	.1353	.1268	.1278	.1309	.1218	.1258	.1279	.1303	.1267	.1254	.1242	.1303	.1351	310.
330.	.1281	.1227	.1240	.1261	.1167	.1167	.1156	.1201	.1203	.1195	.1259	.1285	.1347	330.
						FOR ALPHA = -1.50 DEG								
0.	.1130	.1064	.1094	.1114	.0979	.1005	.1014	.1012	.1003	.0994	.1081	.1119	.1138	0.
30.	.1110	.1059	.1095	.1118	.1016	.0999	.1005	.1004	.0999	.0994	.1070	.1090	.1104	30.
50.	.1139	.1082	.1080	.1088	.1017	.1026	.1049	.1046	.1013	.1000	.0970	.1004	.1077	50.
60.	.1130	.1103	.1115	.1082	.1035	.1055	.1044	.1059	.1018	.1014	.0982	.1014	.1053	60.
70.	.1192	.1177	.1174	.1165	.1133	.1099	.1099	.1051	.1048	.1029	.1023	.1138	.1175	70.
80.	.1383	.1345	.1305	.1265	.1343	.1214	.1218	.1238	.1223	.1234	.1263	.1284	.1312	80.
90.	.1622	.1584	.1585	.1556	.1561	.1559	.1561	.1585	.1581	.1569	.1545	.1609	.1556	90.
100.	.1039	.0963	.0905	.0849	.0931	.0898	.0905	.0952	.0930	.0916	.0922	.0948	.0962	100.
110.	.0840	.0832	.0794	.0795	.0769	.0827	.0830	.0834	.0808	.0811	.0761	.0832	.0863	110.
120.	.0781	.0764	.0774	.0745	.0795	.0803	.0782	.0782	.0751	.0754	.0725	.0761	.0800	120.
130.	.0804	.0738	.0734	.0739	.0773	.0786	.0784	.0782	.0750	.0737	.0703	.0773	.0817	130.
150.	.0804	.0719	.0740	.0751	.0757	.0745	.0751	.0757	.0762	.0741	.0785	.0786	.0804	150.
180.	.0773	.0721	.0749	.0755	.0682	.0688	.0689	.0687	.0701	.0689	.0750	.0780	.0794	180.
210.	.0791	.0717	.0736	.0735	.0673	.0669	.0669	.0683	.0696	.0677	.0728	.0755	.0794	210.
230.	.0845	.0776	.0747	.0767	.0710	.0714	.0739	.0733	.0734	.0722	.0703	.0771	.0784	230.
240.	.0791	.0785	.0816	.0806	.0764	.0773	.0759	.0762	.0739	.0771	.0742	.0756	.0784	240.
250.	.0912	.0915	.0921	.0900	.0902	.0863	.0891	.0910	.0837	.0857	.0820	.0885	.0900	250.
260.	.1343	.1326	.1257	.1209	.1308	.1178	.1171	.1182	.1167	.1187	.1202	.1200	.1246	260.
270.	.2690	.2656	.2627	.2651	.2618	.2583	.2562	.2591	.2587	.2565	.2544	.2635	.2577	270.
280.	.1773	.1853	.1754	.1750	.1824	.1679	.1651	.1682	.1663	.1661	.1691	.1734	.1785	280.
290.	.1376	.1419	.1406	.1378	.1361	.1317	.1322	.1333	.1268	.1310	.1268	.1373	.1369	290.
300.	.1215	.1205	.1243	.1209	.1123	.1200	.1170	.1204	.1145	.1173	.1128	.1161	.1221	300.
310.	.1200	.1143	.1148	.1183	.1083	.1121	.1146	.1146	.1119	.1127	.1079	.1145	.1169	310.
330.	.1158	.1069	.1111	.1114	.1047	.1039	.1048	.1043	.1029	.1055	.1103	.1156	.1169	330.

TABLE V. - CONTINUED

(6) MACH = 2.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	.0357	.0714	.1071	.1429	.1786	.2143	CP AT X/L = .2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -.50 DEG							
0.	.1140	.1025		.0913	.0953	.0955	.0986	.0986	.2129	.1047	.0942	.1013	.1025	.0986
30.			.0885	.0853	.0927	.0957	.0975	.0972	.0961	.0972	.1004	.1006	.0962	.1023
50.	.1108	.1036	.0928	.0864	.0895	.1010	.0964	.0988	.0999	.0969	.1009	.0965	.0988	.1066
60.				.0890	.0925	.0930	.0972	.1008	.0982	.0997	.0996	.0967	.1035	.1044
70.		.1058	.0936	.0920	.0966	.0923	.1016	.1049	.1037	.1045	.1000	.1041	.1073	.1109
80.			.1101	.1083	.1080	.1063	.1167	.1184	.1164	.1189	.1154	.1166	.1160	.1198
90.	.1649	.1595	.1630	.1591	.1545	.1587	.1597	.1624	.1628	.1639	.1610	.1623	.1611	.1635
100.			.1020	.1036	.1018	.0991	.1088	.1077	.1054	.1102	.1095	.1061	.1089	.1107
110.		.1035	.0864	.0888	.0870	.0869	.0935	.0949	.0945	.0954	.0924	.0933	.0926	.1014
120.				.0830	.0822	.0858	.0901	.0923	.0902	.0919	.0933	.0875	.0938	.0958
130.	.1059	.1011	.0830	.0806	.0825	.0922	.0876	.0906	.0903	.0902	.0949	.0889	.0908	.0968
150.			.0803	.0757	.0845	.0845	.0890	.0888	.0860	.0886	.0945	.0929	.0889	.0943
180.	.1046	.0959		.0803	.0854	.0857	.0889	.0896	.2208	.0952	.0865	.0922	.0932	.0899
210.			.0803	.0830	.0861	.0874	.0896	.0933	.0905	.0898	.0920	.0920	.0902	.0944
230.	.1065	.0939	.0856	.0856	.0864	.0949	.0925	.0954	.0960	.0952	.0939	.0915	.0968	.0982
240.				.0928	.0891	.0907	.0944	.0993	.0977	.0982	.0958	.0915	.1033	.1017
250.		.1142	.1038	.0980	.1003	.0982	.1027	.1075	.1119	.1057	.1058	.1035	.1106	.1145
260.			.1399	.1437	.1417	.1348	.1469	.1443	.1498	.1503	.1468	.1473	.1459	.1512
270.	.2630	.2626	.2652	.2656	.2657	.2630	.2668	.2683	.2710	.2697	.2650	.2646	.2635	.2698
280.			.1512	.1523	.1538	.1495	.1644	.1577	.1575	.1607	.1586	.1529	.1582	.1586
290.		.1319	.1146	.1143	.1150	.1135	.1190	.1195	.1249	.1199	.1149	.1155	.1230	.1243
300.				.1031	.1034	.1031	.1047	.1092	.1093	.1113	.1109	.1033	.1115	.1120
310.	.1211	.1097	.0990	.0987	.0992	.1084	.1019	.1073	.1076	.1064	.1059	.1007	.1083	.1096
330.			.0931	.0964	.0989	.0993	.1003	.1013	.1000	.1003	.0995	.0992	.0994	.1054
							FOR ALPHA = .50 DEG							
0.	.0992	.0899		.0767	.0814	.0824	.0871	.0866	.2078	.0917	.0829	.0882	.0906	.0849
30.			.0747	.0752	.0795	.0827	.0853	.0859	.0854	.0851	.0880	.0878	.0865	.0899
50.	.0974	.0922	.0795	.0766	.0804	.0888	.0855	.0867	.0890	.0859	.0888	.0846	.0875	.0924
60.				.0774	.0798	.0802	.0848	.0876	.0884	.0840	.0871	.0833	.0909	.0930
70.		.0926	.0818	.0803	.0841	.0804	.0879	.0909	.0919	.0906	.0873	.0886	.0927	.0965
80.			.0984	.0947	.0960	.0914	.1011	.1018	.1019	.1062	.1021	.1024	.1041	.1074
90.	.1639	.1604	.1630	.1584	.1572	.1577	.1600	.1614	.1641	.1627	.1628	.1628	.1610	.1668
100.			.1194	.1195	.1173	.1145	.1213	.1242	.1220	.1257	.1258	.1260	.1273	.1270
110.		.1153	.1014	.1039	.1020	.1013	.1064	.1109	.1096	.1085	.1098	.1094	.1097	.1123
120.				.0987	.0991	.0980	.1028	.1048	.1039	.1053	.1040	.1013	.1079	.1091
130.	.1194	.1144	.0989	.0965	.0967	.1036	.1030	.1037	.1043	.1050	.1067	.1026	.1040	.1098
150.			.0955	.0910	.0960	.0985	.1024	.1005	.1032	.1017	.1075	.1048	.1019	.1076
180.	.1177	.1097		.0928	.0983	.0993	.1039	.1045	.2255	.1084	.1008	.1050	.1063	.1036
210.			.0907	.0928	.0945	.1008	.1042	.1046	.1028	.1025	.1079	.1031	.1021	.1088
230.	.1193	.1084	.0991	.0994	.0990	.1103	.1080	.1092	.1109	.1100	.1111	.1043	.1068	.1122
240.				.1025	.1005	.1025	.1135	.1129	.1119	.1165	.1116	.1070	.1178	.1171
250.		.1285	.1193	.1116	.1146	.1141	.1235	.1235	.1233	.1242	.1201	.1230	.1278	.1267
260.			.1561	.1563	.1545	.1553	.1664	.1640	.1669	.1696	.1683	.1658	.1709	.1716
270.	.2627	.2597	.2624	.2628	.2565	.2618	.2652	.2664	.2692	.2676	.2658	.2657	.2636	.2695
280.			.1326	.1307	.1318	.1260	.1410	.1363	.1390	.1437	.1384	.1392	.1380	.1413
290.		.1086	.0996	.0927	.0954	.0900	.0975	.1024	.1019	.1022	.0975	.0982	.1021	.1081
300.				.0836	.0855	.0840	.0904	.0930	.0942	.0942	.0926	.0883	.0977	.0993
310.	.1046	.0900	.0835	.0802	.0832	.0926	.0875	.0908	.0929	.0889	.0888	.0878	.0904	.0963
330.			.0769	.0764	.0804	.0850	.0879	.0872	.0883	.0843	.0882	.0864	.0879	.0912
							FOR ALPHA = 1.50 DEG							
0.	.0869	.0796		.0645	.0670	.0696	.0750	.0754	.2023	.0802	.0720	.0762	.0763	.0744
30.			.0632	.0651	.0689	.0723	.0736	.0746	.0740	.0732	.0785	.0761	.0731	.0784
50.	.0873	.0800	.0676	.0657	.0683	.0783	.0740	.0749	.0756	.0766	.0769	.0725	.0762	.0804
60.				.0660	.0682	.0683	.0744	.0751	.0748	.0768	.0755	.0724	.0803	.0792
70.		.0818	.0698	.0681	.0683	.0694	.0738	.0767	.0790	.0779	.0758	.0752	.0800	.0832
80.			.0842	.0797	.0780	.0769	.0858	.0871	.0882	.0888	.0874	.0872	.0894	.0915
90.	.1619	.1583	.1579	.1563	.1551	.1560	.1582	.1585	.1610	.1615	.1593	.1580	.1585	.1627
100.			.1335	.1348	.1334	.1334	.1405	.1382	.1368	.1419	.1369	.1370	.1362	.1419
110.		.1321	.1119	.1183	.1187	.1143	.1194	.1248	.1271	.1240	.1212	.1209	.1238	.1319
120.				.1180	.1113	.1100	.1144	.1175	.1167	.1227	.1215	.1142	.1210	.1252
130.	.1302	.1262	.1092	.1087	.1110	.1172	.1156	.1156	.1185	.1167	.1193	.1154	.1205	.1252
150.			.1076	.1042	.1154	.1111	.1149	.1157	.1133	.1125	.1191	.1179	.1141	.1255
180.	.1297	.1207		.1070	.1132	.1125	.1154	.1158	.2253	.1217	.1142	.1188	.1209	.1161
210.			.1062	.1065	.1107	.1139	.1169	.1182	.1189	.1147	.1203	.1169	.1180	.1202
230.	.1339	.1231	.1121	.1136	.1124	.1244	.1228	.1252	.1273	.1232	.1257	.1239	.1257	.1257
240.				.1184	.1181	.1159	.1272	.1287	.1308	.1281	.1287	.1257	.1346	.1328
250.		.1446	.1303	.1311	.1333	.1301	.1412	.1467	.1468	.1403	.1412	.1402	.1464	.1496
260.			.1748	.1742	.1762	.1688	.1856	.1864	.1863	.1897	.1890	.1820	.1867	.1885
270.	.2593	.2563	.2605	.2604	.2558	.2555	.2618	.2640	.2666	.2656	.2602	.2646	.2641	.2670
280.			.1140	.1100	.1090	.1037	.1169	.1184	.1179	.1197	.1152	.1187	.1205	.1207
290.		.0932	.0822	.0750	.0740	.0730	.0812	.0832	.0839	.0837	.0804	.0819	.0854	.0897
300.				.0696	.0671	.0650	.0753	.0764	.0768	.0777	.0757	.0755	.0821	.0821
310.	.0882	.0787	.0697	.0671	.0683	.0775	.0754	.0768	.0749	.0769	.0768	.0734	.0770	.0820
330.			.0663	.0640	.0674	.0686	.0734	.0754	.0731	.0718	.0763	.0731	.0738	.0782

TABLE V. - CONTINUED

(6) MACH = 2.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.50 DEG								
0.	.0988	.0939	.0971	.0986	.0853	.0889	.0896	.0881	.0893	.0881	.0927	.0974	.1017	0.
30.	.0998	.0952	.0957	.0948	.0874	.0882	.0857	.0882	.0894	.0869	.0930	.0949	.0945	30.
50.	.1009	.0975	.0955	.0964	.0895	.0913	.0903	.0908	.0904	.0870	.0851	.0885	.0931	50.
60.	.0984	.0982	.0960	.0954	.0911	.0913	.0909	.0923	.0873	.0892	.0867	.0870	.0923	60.
70.	.1067	.1053	.1015	.1019	.1017	.0954	.0973	.0934	.0910	.0923	.0923	.0993	.0992	70.
80.	.1257	.1189	.1154	.1120	.1177	.1065	.1079	.1074	.1088	.1105	.1146	.1143	.1167	80.
90.	.1663	.1610	.1611	.1579	.1577	.1555	.1598	.1598	.1606	.1609	.1598	.1620	.1579	90.
100.	.1183	.1106	.1073	.1027	.1110	.1061	.1075	.1084	.1074	.1050	.1091	.1046	.1145	100.
110.	.0948	.0959	.0938	.0923	.0940	.0963	.0970	.0940	.0924	.0928	.0911	.0964	.0972	110.
120.	.0893	.0876	.0891	.0864	.0912	.0907	.0906	.0913	.0882	.0879	.0847	.0864	.0916	120.
130.	.0913	.0854	.0819	.0884	.0876	.0902	.0905	.0889	.0896	.0863	.0828	.0868	.0915	130.
150.	.0917	.0845	.0849	.0858	.0872	.0851	.0853	.0861	.0862	.0836	.0906	.0916	.0933	150.
180.	.0892	.0849	.0874	.0875	.0802	.0805	.0796	.0810	.0810	.0806	.0878	.0904	.0944	180.
210.	.0906	.0842	.0894	.0868	.0803	.0795	.0778	.0791	.0804	.0807	.0866	.0902	.0929	210.
230.	.0997	.0912	.0907	.0914	.0852	.0841	.0879	.0879	.0873	.0866	.0855	.0903	.0927	230.
240.	.0948	.0952	.0958	.0954	.0884	.0908	.0903	.0927	.0879	.0898	.0902	.0940	.0941	240.
250.	.1105	.1086	.1102	.1088	.1076	.1015	.1067	.1061	.0999	.1029	.0995	.1100	.1077	250.
260.	.1517	.1503	.1453	.1443	.1511	.1347	.1391	.1442	.1328	.1413	.1406	.1428	.1493	260.
270.	.2716	.2661	.2660	.2678	.2658	.2597	.2587	.2599	.2564	.2609	.2603	.2635	.2591	270.
280.	.1642	.1582	.1587	.1551	.1643	.1478	.1478	.1564	.1479	.1482	.1506	.1554	.1579	280.
290.	.1218	.1209	.1194	.1188	.1207	.1105	.1162	.1185	.1144	.1173	.1128	.1195	.1183	290.
300.	.1064	.1042	.1091	.1055	.1015	.1005	.1038	.1047	.1017	.1022	.0990	.1058	.1069	300.
310.	.1064	.1008	.1018	.1020	.0963	.0962	.0981	.0993	.0993	.0951	.0941	.1010	.1052	310.
330.	.1033	.0943	.0972	.0967	.0919	.0896	.0915	.0904	.0928	.0888	.0984	.1009	.1049	330.
						FOR ALPHA = .50 DEG								
0.	.0848	.0818	.0838	.0858	.0736	.0756	.0755	.0762	.0770	.0766	.0812	.0868	.0884	0.
30.	.0864	.0811	.0829	.0835	.0758	.0761	.0754	.0787	.0771	.0765	.0812	.0844	.0837	30.
50.	.0882	.0829	.0818	.0838	.0765	.0792	.0792	.0801	.0785	.0756	.0730	.0796	.0817	50.
60.	.0859	.0852	.0848	.0844	.0787	.0806	.0790	.0814	.0765	.0772	.0743	.0762	.0791	60.
70.	.0920	.0919	.0893	.0901	.0892	.0827	.0845	.0830	.0787	.0791	.0791	.0868	.0880	70.
80.	.1110	.1055	.1014	.0984	.1043	.0920	.0928	.0942	.0924	.0951	.0976	.0991	.1028	80.
90.	.1670	.1614	.1618	.1574	.1570	.1556	.1590	.1605	.1609	.1600	.1589	.1631	.1593	90.
100.	.1329	.1308	.1240	.1189	.1290	.1225	.1238	.1241	.1221	.1247	.1250	.1234	.1255	100.
110.	.1117	.1116	.1069	.1111	.1075	.1103	.1088	.1062	.1052	.1052	.1039	.1097	.1106	110.
120.	.1038	.1043	.1036	.1002	.1032	.1061	.1036	.1043	.1022	.1007	.0978	.0990	.1038	120.
130.	.1071	.1000	.0969	.0980	.1019	.1041	.1025	.1051	.1017	.0985	.0939	.0988	.1042	130.
150.	.1022	.0983	.0987	.0981	.1005	.1011	.0995	.0984	.0978	.0982	.1029	.1046	.1077	150.
180.	.1023	.0971	.0982	.1003	.0927	.0946	.0931	.0905	.0927	.0920	.0977	.1032	.1061	180.
210.	.1030	.0969	.1018	.1004	.0942	.0938	.0932	.0923	.0913	.0908	.0972	.1006	.1043	210.
230.	.1105	.1060	.1046	.1025	.0987	.0988	.0995	.0992	.0997	.1008	.0954	.1016	.1069	230.
240.	.1114	.1121	.1146	.1108	.1052	.1057	.1047	.1063	.1028	.1062	.1010	.1012	.1082	240.
250.	.1278	.1272	.1248	.1223	.1236	.1204	.1206	.1210	.1195	.1176	.1143	.1242	.1232	250.
260.	.1748	.1696	.1648	.1613	.1718	.1592	.1572	.1534	.1553	.1547	.1597	.1618	.1605	260.
270.	.2699	.2645	.2630	.2622	.2659	.2586	.2582	.2590	.2565	.2605	.2575	.2632	.2588	270.
280.	.1445	.1406	.1374	.1348	.1387	.1263	.1300	.1290	.1277	.1283	.1283	.1329	.1396	280.
290.	.1053	.1059	.1027	.1038	.1014	.0972	.1011	.1024	.0967	.0989	.0953	.1036	.1041	290.
300.	.0909	.0928	.0933	.0922	.0867	.0871	.0879	.0902	.0836	.0858	.0860	.0869	.0917	300.
310.	.0930	.0873	.0852	.0892	.0835	.0846	.0844	.0869	.0839	.0836	.0811	.0883	.0900	310.
330.	.0882	.0815	.0853	.0865	.0792	.0803	.0783	.0787	.0796	.0772	.0846	.0885	.0887	330.
						FOR ALPHA = 1.50 DEG								
0.	.0731	.0694	.0722	.0735	.0628	.0643	.0651	.0649	.0638	.0630	.0692	.0732	.0750	0.
30.	.0740	.0698	.0722	.0701	.0645	.0647	.0648	.0663	.0654	.0637	.0690	.0704	.0737	30.
50.	.0769	.0705	.0707	.0722	.0662	.0670	.0682	.0690	.0666	.0654	.0613	.0656	.0702	50.
60.	.0736	.0728	.0733	.0717	.0678	.0682	.0674	.0683	.0666	.0642	.0614	.0640	.0675	60.
70.	.0797	.0780	.0765	.0777	.0760	.0726	.0715	.0688	.0666	.0646	.0656	.0743	.0726	70.
80.	.0963	.0885	.0855	.0810	.0903	.0762	.0765	.0793	.0779	.0801	.0805	.0844	.0876	80.
90.	.1627	.1584	.1572	.1550	.1559	.1532	.1560	.1583	.1567	.1560	.1538	.1578	.1571	90.
100.	.1468	.1443	.1380	.1352	.1426	.1338	.1380	.1422	.1383	.1367	.1389	.1386	.1448	100.
110.	.1225	.1238	.1243	.1218	.1181	.1215	.1221	.1185	.1221	.1214	.1175	.1237	.1254	110.
120.	.1150	.1156	.1138	.1138	.1162	.1193	.1163	.1184	.1136	.1117	.1110	.1149	.1181	120.
130.	.1183	.1108	.1100	.1155	.1118	.1165	.1180	.1155	.1123	.1091	.1065	.1109	.1209	130.
150.	.1198	.1112	.1116	.1136	.1107	.1124	.1101	.1126	.1103	.1106	.1155	.1185	.1188	150.
180.	.1157	.1128	.1150	.1143	.1054	.1067	.1063	.1068	.1052	.1055	.1126	.1178	.1183	180.
210.	.1169	.1130	.1166	.1146	.1101	.1056	.1058	.1047	.1087	.1069	.1139	.1186	.1194	210.
230.	.1259	.1184	.1193	.1206	.1131	.1126	.1140	.1170	.1124	.1160	.1115	.1200	.1203	230.
240.	.1276	.1248	.1282	.1251	.1214	.1218	.1211	.1231	.1174	.1234	.1226	.1242	.1234	240.
250.	.1465	.1452	.1425	.1435	.1394	.1359	.1367	.1405	.1314	.1356	.1365	.1472	.1434	250.
260.	.1967	.1900	.1839	.1824	.1898	.1771	.1801	.1820	.1698	.1784	.1800	.1828	.1875	260.
270.	.2695	.2617	.2617	.2613	.2626	.2556	.2569	.2548	.2551	.2547	.2563	.2627	.2561	270.
280.	.1237	.1243	.1162	.1121	.1206	.1069	.1076	.1089	.1089	.1078	.1092	.1122	.1177	280.
290.	.0838	.0871	.0872	.0853	.0860	.0837	.0844	.0844	.0785	.0775	.0786	.0842	.0829	290.
300.	.0748	.0778	.0805	.0778	.0720	.0754	.0739	.0740	.0710	.0717	.0695	.0708	.0760	300.
310.	.0796	.0753	.0731	.0759	.0674	.0701	.0720	.0716	.0709	.0704	.0663	.0722	.0743	310.
330.	.0747	.0711	.0731	.0729	.0667	.0684	.0674	.0671	.0662	.0664	.0714	.0730	.0768	330.

TABLE V. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG, CONTINUED.

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.50 DEG								
0.	.0762	.0680		.0550	.0571	.0604	.0631	.0642	.1970	.0695	.0616	.0649	.0646	.0634
30.			.0529	.0544	.0562	.0602	.0633	.0643	.0618	.0620	.0674	.0649	.0628	.0652
50.	.0766	.0697	.0580	.0581	.0545	.0676	.0650	.0655	.0649	.0652	.0666	.0628	.0640	.0685
60.				.0578	.0558	.0563	.0623	.0645	.0649	.0638	.0655	.0609	.0684	.0685
70.		.0724	.0609	.0587	.0571	.0581	.0622	.0655	.0649	.0649	.0614	.0616	.0659	.0683
80.			.0716	.0682	.0669	.0593	.0720	.0714	.0724	.0736	.0731	.0717	.0728	.0726
90.	.1590	.1530	.1564	.1546	.1500	.1533	.1518	.1534	.1553	.1548	.1538	.1549	.1540	.1571
100.			.1466	.1503	.1493	.1461	.1529	.1541	.1536	.1545	.1542	.1489	.1533	.1543
110.		.1424	.1243	.1350	.1339	.1305	.1337	.1402	.1365	.1370	.1389	.1353	.1404	.1453
120.				.1337	.1278	.1289	.1309	.1327	.1313	.1335	.1327	.1287	.1373	.1375
130.	.1465	.1378	.1229	.1250	.1280	.1337	.1285	.1312	.1308	.1296	.1317	.1297	.1302	.1375
150.			.1217	.1207	.1322	.1288	.1280	.1297	.1274	.1291	.1345	.1324	.1292	.1361
180.	.1457	.1351		.1222	.1292	.1275	.1306	.1313	.2238	.1352	.1266	.1344	.1342	.1297
210.			.1195	.1220	.1253	.1286	.1296	.1340	.1334	.1305	.1355	.1340	.1298	.1379
230.	.1501	.1381	.1280	.1296	.1270	.1374	.1368	.1411	.1415	.1387	.1410	.1371	.1413	.1488
240.				.1368	.1336	.1311	.1421	.1471	.1441	.1474	.1469	.1409	.1520	.1545
250.		.1631	.1500	.1491	.1484	.1456	.1574	.1622	.1649	.1672	.1570	.1600	.1678	.1699
260.			.1909	.1948	.1901	.1891	.2044	.2053	.2064	.2148	.2071	.2062	.2062	.2074
270.	.2557	.2539	.2642	.2579	.2534	.2560	.2595	.2628	.2656	.2635	.2602	.2610	.2562	.2634
280.			.0952	.0924	.0927	.0884	.0946	.0955	.0981	.1005	.0975	.0961	.0989	.1000
290.		.0746	.0629	.0584	.0567	.0585	.0635	.0661	.0685	.0683	.0635	.0643	.0708	.0731
300.				.0538	.0541	.0546	.0638	.0625	.0641	.0655	.0597	.0594	.0676	.0684
310.	.0752	.0648	.0549	.0536	.0531	.0653	.0629	.0627	.0614	.0643	.0630	.0605	.0648	.0696
330.			.0533	.0550	.0557	.0595	.0625	.0633	.0623	.0612	.0669	.0622	.0634	.0684
						FOR ALPHA = 3.50 DEG								
0.	.0637	.0571		.0442	.0449	.0495	.0542	.0531	.1865	.0596	.0511	.0542	.0551	.0523
30.			.0454	.0463	.0442	.0502	.0539	.0549	.0517	.0516	.0572	.0549	.0516	.0573
50.	.0651	.0591	.0482	.0476	.0424	.0583	.0545	.0556	.0552	.0539	.0559	.0523	.0542	.0586
60.				.0475	.0441	.0419	.0526	.0547	.0532	.0554	.0539	.0507	.0575	.0582
70.		.0570	.0490	.0472	.0458	.0412	.0499	.0528	.0527	.0522	.0498	.0507	.0548	.0576
80.			.0575	.0543	.0494	.0462	.0540	.0556	.0555	.0580	.0578	.0551	.0562	.0567
90.	.1516	.1459	.1480	.1471	.1453	.1464	.1459	.1471	.1490	.1473	.1476	.1472	.1451	.1486
100.			.1617	.1618	.1647	.1600	.1693	.1679	.1661	.1700	.1683	.1662	.1665	.1716
110.		.1578	.1391	.1483	.1489	.1484	.1509	.1539	.1531	.1531	.1515	.1498	.1583	.1608
120.				.1450	.1435	.1440	.1486	.1473	.1468	.1482	.1496	.1438	.1516	.1539
130.	.1627	.1525	.1354	.1370	.1431	.1494	.1473	.1457	.1469	.1467	.1476	.1433	.1467	.1546
150.			.1352	.1368	.1480	.1457	.1457	.1440	.1438	.1429	.1526	.1473	.1449	.1516
180.	.1617	.1516		.1360	.1421	.1433	.1454	.1468	.2205	.1508	.1443	.1480	.1503	.1464
210.			.1338	.1366	.1377	.1444	.1478	.1476	.1486	.1480	.1542	.1489	.1449	.1531
230.	.1656	.1543	.1427	.1459	.1434	.1532	.1546	.1540	.1583	.1563	.1589	.1550	.1551	.1600
240.				.1533	.1499	.1493	.1617	.1632	.1611	.1639	.1647	.1578	.1673	.1667
250.		.1802	.1630	.1622	.1665	.1639	.1762	.1818	.1809	.1791	.1826	.1771	.1858	.1835
260.			.2126	.2095	.2071	.2065	.2236	.2232	.2219	.2268	.2256	.2217	.2284	.2260
270.	.2505	.2481	.2573	.2515	.2474	.2501	.2551	.2577	.2579	.2565	.2533	.2573	.2538	.2587
280.			.0774	.0743	.0704	.0652	.0759	.0746	.0723	.0800	.0762	.0802	.0754	.0790
290.		.0605	.0515	.0421	.0401	.0382	.0480	.0513	.0504	.0482	.0481	.0499	.0500	.0534
300.				.0391	.0388	.0408	.0479	.0500	.0481	.0496	.0474	.0457	.0504	.0552
310.	.0598	.0531	.0429	.0405	.0400	.0538	.0509	.0497	.0495	.0494	.0518	.0502	.0521	.0559
330.			.0421	.0426	.0413	.0446	.0530	.0517	.0501	.0511	.0542	.0528	.0515	.0571
						FOR ALPHA = 5.50 DEG								
0.	.0428	.0357		.0250	.0258	.0277	.0335	.0336	.1667	.0422	.0308	.0352	.0358	.0345
30.			.0272	.0281	.0291	.0293	.0335	.0364	.0336	.0349	.0377	.0364	.0328	.0383
50.	.0466	.0400	.0299	.0295	.0267	.0385	.0332	.0361	.0354	.0354	.0367	.0326	.0343	.0399
60.				.0286	.0254	.0268	.0299	.0345	.0327	.0345	.0336	.0285	.0348	.0366
70.		.0399	.0273	.0237	.0221	.0191	.0239	.0263	.0272	.0296	.0276	.0274	.0306	.0328
80.			.0252	.0250	.0183	.0163	.0200	.0169	.0156	.0200	.0182	.0195	.0203	.0213
90.	.1385	.1317	.1332	.1277	.1279	.1302	.1308	.1282	.1308	.1283	.1277	.1249	.1250	.1275
100.			.1909	.1878	.1877	.1877	.1958	.1996	.1977	.1950	.1925	.1917	.1959	.1956
110.		.1876	.1784	.1783	.1754	.1820	.1861	.1885	.1860	.1850	.1807	.1836	.1904	.1892
120.				.1697	.1691	.1792	.1847	.1803	.1783	.1819	.1777	.1766	.1876	.1846
130.	.1954	.1879	.1675	.1732	.1709	.1783	.1798	.1806	.1777	.1817	.1820	.1756	.1802	.1882
150.			.1673	.1731	.1746	.1765	.1793	.1783	.1745	.1792	.1878	.1785	.1761	.1861
180.	.1935	.1877		.1719	.1757	.1733	.1804	.1797	.2118	.1829	.1770	.1832	.1833	.1823
210.			.1647	.1698	.1730	.1757	.1811	.1815	.1806	.1819	.1938	.1829	.1811	.1927
230.	.1965	.1851	.1712	.1763	.1788	.1861	.1913	.1909	.1930	.1931	.1921	.1866	.1909	.2001
240.				.1886	.1840	.1853	.2047	.1993	.1993	.2053	.2008	.1932	.2068	.2089
250.		.2167	.2050	.2055	.2029	.2035	.2113	.2167	.2182	.2208	.2148	.2135	.2207	.2270
260.			.2459	.2479	.2466	.2489	.2611	.2595	.2626	.2697	.2615	.2592	.2599	.2659
270.	.2396	.2353	.2410	.2360	.2339	.2384	.2451	.2434	.2477	.2433	.2422	.2419	.2426	.2456
280.			.0332	.0282	.0262	.0237	.0349	.0317	.0328	.0356	.0325	.0354	.0335	.0353
290.		.0299	.0174	.0069	.0068	.0068	.0141	.0152	.0160	.0188	.0139	.0116	.0190	.0201
300.				.0098	.0124	.0112	.0191	.0196	.0198	.0227	.0214	.0189	.0261	.0281
310.	.0374	.0286	.0141	.0150	.0150	.0323	.0229	.0231	.0236	.0268	.0277	.0260	.0303	.0368
330.			.0159	.0209	.0211	.0263	.0292	.0301	.0306	.0300	.0344	.0324	.0322	.0379

TABLE V. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.	.0624	.0594	.0611	.0626	.0512	.0531	.0548	.0538	.0538	.0528	.0582	.0614	.0638	0.
30.	.0641	.0588	.0611	.0600	.0552	.0547	.0541	.0541	.0551	.0544	.0589	.0592	.0622	30.
50.	.0644	.0597	.0590	.0598	.0543	.0562	.0577	.0568	.0553	.0543	.0499	.0553	.0571	50.
60.	.0631	.0619	.0619	.0588	.0562	.0585	.0572	.0570	.0547	.0533	.0514	.0518	.0558	60.
70.	.0654	.0655	.0647	.0636	.0627	.0598	.0594	.0576	.0523	.0540	.0535	.0608	.0599	70.
80.	.0802	.0751	.0707	.0654	.0736	.0614	.0635	.0624	.0616	.0629	.0648	.0672	.0695	80.
90.	.1578	.1540	.1531	.1509	.1482	.1492	.1509	.1529	.1513	.1516	.1498	.1540	.1495	90.
100.	.1620	.1563	.1543	.1491	.1560	.1454	.1533	.1505	.1514	.1529	.1533	.1548	.1575	100.
110.	.1399	.1370	.1387	.1381	.1358	.1364	.1367	.1337	.1325	.1326	.1322	.1400	.1387	110.
120.	.1323	.1284	.1300	.1282	.1310	.1303	.1312	.1314	.1259	.1236	.1253	.1245	.1309	120.
130.	.1365	.1256	.1263	.1291	.1291	.1282	.1312	.1301	.1281	.1236	.1200	.1259	.1316	130.
150.	.1304	.1258	.1285	.1266	.1266	.1238	.1251	.1273	.1247	.1215	.1305	.1315	.1322	150.
180.	.1291	.1261	.1276	.1312	.1202	.1211	.1219	.1214	.1202	.1163	.1265	.1313	.1344	180.
210.	.1333	.1262	.1304	.1333	.1229	.1235	.1213	.1196	.1192	.1184	.1275	.1306	.1326	210.
230.	.1387	.1335	.1359	.1377	.1291	.1269	.1310	.1318	.1285	.1290	.1277	.1313	.1381	230.
240.	.1426	.1437	.1447	.1404	.1349	.1369	.1377	.1376	.1320	.1368	.1341	.1377	.1469	240.
250.	.1662	.1629	.1621	.1602	.1572	.1538	.1589	.1540	.1514	.1528	.1508	.1608	.1659	250.
260.	.2126	.2105	.2044	.1986	.2084	.1944	.1951	.1984	.1981	.1931	.1987	.2041	.2077	260.
270.	.2639	.2628	.2602	.2592	.2604	.2512	.2538	.2551	.2531	.2548	.2529	.2580	.2534	270.
280.	.1039	.1049	.0958	.0913	.1013	.0861	.0881	.0902	.0895	.0866	.0905	.0950	.0969	280.
290.	.0703	.0719	.0694	.0704	.0701	.0706	.0693	.0702	.0650	.0608	.0615	.0680	.0677	290.
300.	.0627	.0621	.0661	.0635	.0588	.0618	.0599	.0599	.0583	.0578	.0566	.0585	.0629	300.
310.	.0668	.0631	.0628	.0642	.0580	.0588	.0587	.0602	.0586	.0604	.0548	.0607	.0634	310.
330.	.0621	.0587	.0624	.0616	.0564	.0551	.0556	.0551	.0557	.0555	.0600	.0614	.0658	330.
						FOR ALPHA = 3.50 DEG								
0.	.0529	.0498	.0506	.0512	.0420	.0446	.0440	.0432	.0427	.0434	.0477	.0504	.0546	0.
30.	.0531	.0491	.0506	.0503	.0456	.0444	.0438	.0437	.0459	.0444	.0486	.0501	.0508	30.
50.	.0542	.0506	.0488	.0497	.0447	.0461	.0477	.0460	.0450	.0448	.0402	.0441	.0491	50.
60.	.0528	.0504	.0504	.0475	.0464	.0476	.0463	.0466	.0427	.0432	.0407	.0421	.0455	60.
70.	.0542	.0534	.0527	.0498	.0492	.0479	.0471	.0438	.0423	.0410	.0419	.0478	.0472	70.
80.	.0662	.0594	.0546	.0511	.0565	.0467	.0472	.0473	.0467	.0459	.0496	.0503	.0518	80.
90.	.1508	.1461	.1455	.1423	.1426	.1393	.1414	.1441	.1440	.1446	.1431	.1468	.1442	90.
100.	.1752	.1720	.1667	.1629	.1742	.1604	.1653	.1675	.1661	.1636	.1660	.1711	.1717	100.
110.	.1557	.1525	.1511	.1546	.1504	.1531	.1509	.1488	.1476	.1482	.1464	.1529	.1551	110.
120.	.1467	.1457	.1439	.1446	.1459	.1472	.1445	.1461	.1424	.1386	.1378	.1408	.1468	120.
130.	.1490	.1399	.1433	.1441	.1440	.1432	.1439	.1458	.1416	.1402	.1334	.1409	.1470	130.
150.	.1484	.1415	.1420	.1424	.1407	.1400	.1392	.1420	.1399	.1389	.1437	.1463	.1483	150.
180.	.1449	.1412	.1422	.1443	.1364	.1354	.1380	.1346	.1364	.1339	.1410	.1475	.1502	180.
210.	.1494	.1416	.1442	.1444	.1396	.1362	.1388	.1361	.1364	.1365	.1414	.1476	.1508	210.
230.	.1617	.1485	.1523	.1508	.1457	.1468	.1470	.1488	.1470	.1496	.1436	.1477	.1548	230.
240.	.1604	.1574	.1642	.1590	.1518	.1554	.1512	.1559	.1508	.1569	.1555	.1536	.1575	240.
250.	.1846	.1851	.1796	.1793	.1782	.1755	.1744	.1716	.1684	.1722	.1702	.1779	.1783	250.
260.	.2300	.2298	.2188	.2176	.2306	.2159	.2156	.2138	.2092	.2212	.2183	.2222	.2210	260.
270.	.2626	.2559	.2546	.2528	.2519	.2465	.2486	.2461	.2460	.2480	.2498	.2518	.2476	270.
280.	.0839	.0852	.0762	.0729	.0765	.0650	.0683	.0675	.0633	.0668	.0705	.0683	.0707	280.
290.	.0480	.0572	.0526	.0527	.0554	.0530	.0551	.0514	.0478	.0468	.0458	.0484	.0522	290.
300.	.0491	.0527	.0511	.0495	.0459	.0491	.0470	.0478	.0433	.0458	.0445	.0445	.0474	300.
310.	.0562	.0534	.0492	.0506	.0424	.0486	.0463	.0467	.0478	.0469	.0442	.0467	.0507	310.
330.	.0534	.0486	.0494	.0510	.0452	.0474	.0438	.0440	.0457	.0453	.0491	.0514	.0535	330.
						FOR ALPHA = 5.50 DEG								
0.	.0335	.0300	.0315	.0347	.0244	.0249	.0262	.0248	.0237	.0222	.0281	.0326	.0356	0.
30.	.0346	.0295	.0309	.0315	.0261	.0266	.0257	.0256	.0265	.0229	.0278	.0308	.0331	30.
50.	.0355	.0315	.0293	.0299	.0261	.0262	.0281	.0274	.0270	.0219	.0204	.0249	.0307	50.
60.	.0302	.0298	.0296	.0270	.0272	.0257	.0253	.0246	.0225	.0200	.0191	.0215	.0285	60.
70.	.0300	.0277	.0272	.0253	.0255	.0221	.0225	.0190	.0181	.0153	.0147	.0203	.0230	70.
80.	.0342	.0238	.0192	.0144	.0206	.0131	.0126	.0129	.0136	.0088	.0095	.0116	.0141	80.
90.	.1307	.1247	.1238	.1182	.1202	.1193	.1197	.1207	.1205	.1201	.1190	.1228	.1232	90.
100.	.2010	.2006	.1932	.1863	.2046	.1893	.1931	.1932	.1930	.1902	.1961	.1997	.1970	100.
110.	.1866	.1848	.1817	.1811	.1856	.1870	.1800	.1783	.1813	.1771	.1788	.1880	.1841	110.
120.	.1762	.1775	.1792	.1745	.1766	.1780	.1766	.1757	.1762	.1723	.1701	.1731	.1791	120.
130.	.1800	.1751	.1768	.1743	.1759	.1767	.1747	.1728	.1768	.1739	.1634	.1707	.1816	130.
150.	.1784	.1758	.1789	.1746	.1710	.1724	.1742	.1719	.1717	.1695	.1778	.1774	.1838	150.
180.	.1793	.1738	.1771	.1805	.1658	.1689	.1694	.1674	.1681	.1678	.1736	.1778	.1846	180.
210.	.1847	.1762	.1803	.1827	.1723	.1730	.1675	.1700	.1679	.1717	.1775	.1810	.1863	210.
230.	.1933	.1822	.1843	.1902	.1796	.1828	.1843	.1826	.1817	.1913	.1775	.1858	.1961	230.
240.	.1969	.1981	.1963	.1971	.1868	.1937	.1900	.1914	.1888	.1888	.1858	.1887	.1983	240.
250.	.2204	.2237	.2212	.2173	.2161	.2194	.2123	.2097	.2125	.2084	.2060	.2191	.2210	250.
260.	.2638	.2692	.2596	.2542	.2716	.2461	.2477	.2490	.2528	.2510	.2518	.2555	.2628	260.
270.	.2460	.2377	.2428	.2379	.2393	.2326	.2326	.2337	.2334	.2346	.2336	.2390	.2369	270.
280.	.0461	.0378	.0311	.0281	.0357	.0226	.0217	.0234	.0234	.0205	.0183	.0253	.0232	280.
290.	.0178	.0192	.0184	.0200	.0192	.0173	.0189	.0188	.0156	.0162	.0146	.0192	.0195	290.
300.	.0240	.0251	.0251	.0232	.0225	.0207	.0201	.0207	.0192	.0201	.0178	.0194	.0258	300.
310.	.0328	.0275	.0283	.0284	.0226	.0237	.0241	.0252	.0231	.0224	.0198	.0243	.0284	310.
330.	.0339	.0282	.0304	.0307	.0262	.0268	.0245	.0244	.0270	.0232	.0279	.0306	.0351	330.

TABLE V. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 10.50 DEG							
0.	-.0040	-.0090		-.0112	-.0089	-.0089	-.0052	-.0047	.1078	.0057	-.0068	-.0034	-.0014	-.0040
30.			-.0147	-.0072	-.0083	-.0099	-.0069	-.0047	-.0054	-.0058	-.0025	-.0038	-.0047	-.0010
50.	-.0024	-.0066	-.0092	-.0110	-.0105	-.0006	-.0109	-.0077	-.0057	-.0061	-.0059	-.0090	-.0066	-.0036
60.				-.0378	-.0318	-.0173	-.0156	-.0144	-.0141	-.0155	-.0167	-.0192	-.0133	-.0142
70.		-.0239	-.0385	-.0442	-.0519	-.0577	-.0626	-.0625	-.0590	-.0573	-.0568	-.0533	-.0493	-.0469
80.			-.0502	-.0570	-.0624	-.0663	-.0689	-.0696	-.0714	-.0750	-.0787	-.0803	-.0800	-.0803
90.	.0961	.0816	.0855	.0703	.0771	.0795	.0832	.0775	.0790	.0755	.0742	.0695	.0710	.0721
100.			.2652	.2610	.2618	.2527	.2654	.2628	.2629	.2626	.2619	.2604	.2646	.2689
110.		.2799	.2616	.2652	.2713	.2679	.2721	.2766	.2756	.2714	.2707	.2657	.2762	.2796
120.				.2636	.2718	.2642	.2684	.2733	.2754	.2749	.2727	.2606	.2769	.2762
130.	.2883	.2807	.2585	.2676	.2700	.2697	.2671	.2743	.2792	.2774	.2776	.2684	.2748	.2813
150.			.2556	.2732	.2689	.2656	.2738	.2745	.2795	.2736	.2781	.2767	.2747	.2832
180.	.2944	.2790		.2726	.2689	.2736	.2760	.2782	.1818	.2807	.2718	.2803	.2829	.2800
210.			.2643	.2681	.2694	.2772	.2788	.2786	.2832	.2801	.2900	.2797	.2817	.2945
230.	.2974	.2894	.2762	.2776	.2741	.2869	.2915	.2899	.2914	.2934	.2992	.2908	.2955	.3030
240.				.2863	.2892	.2870	.3026	.2990	.3032	.3090	.3037	.3000	.3111	.3089
250.		.3170	.3117	.3042	.3010	.3034	.3221	.3241	.3233	.3229	.3200	.3194	.3233	.3292
260.			.3460	.3355	.3379	.3360	.3545	.3585	.3550	.3567	.3545	.3523	.3545	.3513
270.	.2131	.2005	.2108	.1958	.2028	.2091	.2118	.2072	.2106	.2079	.2020	.2047	.2025	.2053
280.			-.0625	-.0671	-.0726	-.0738	-.0709	-.0720	-.0713	-.0679	-.0724	-.0697	-.0684	-.0649
290.		-.0332	-.0474	-.0542	-.0603	-.0630	-.0658	-.0723	-.0765	-.0782	-.0813	-.0807	-.0792	-.0768
300.				-.0431	-.0489	-.0536	-.0541	-.0513	-.0467	-.0402	-.0373	-.0361	-.0322	-.0290
310.	-.0119	-.0207	-.0365	-.0343	-.0438	-.0259	-.0395	-.0338	-.0247	-.0235	-.0197	-.0217	-.0186	-.0161
330.			-.0297	-.0287	-.0248	-.0182	-.0114	-.0085	-.0086	-.0099	-.0066	-.0087	-.0109	-.0060
							FOR ALPHA = 15.50 DEG							
0.	-.0410	-.0391		-.0396	-.0368	-.0404	-.0364	-.0352	.0632	-.0233	-.0369	-.0336	-.0314	-.0327
30.			-.0511	-.0385	-.0380	-.0394	-.0368	-.0357	-.0356	-.0370	-.0337	-.0343	-.0342	-.0311
50.	-.0400	-.0524	-.0531	-.0618	-.0570	-.0353	-.0401	-.0400	-.0394	-.0391	-.0402	-.0430	-.0376	-.0345
60.				-.1231	-.1257	-.1318	-.1409	-.1398	-.1382	-.1370	-.1392	-.1388	-.1361	-.1342
70.		-.0999	-.1058	-.1173	-.1209	-.1219	-.1247	-.1247	-.1256	-.1253	-.1280	-.1277	-.1275	-.1241
80.			-.1095	-.1156	-.1197	-.1190	-.1212	-.1220	-.1222	-.1219	-.1247	-.1252	-.1252	-.1225
90.	.0605	.0413	.0483	.0245	.0329	.0386	.0462	.0403	.0398	.0400	.0349	.0288	.0275	.0295
100.			.3438	.3435	.3346	.3264	.3437	.3428	.3434	.3355	.3351	.3301	.3365	.3345
110.		.3830	.3626	.3673	.3725	.3656	.3767	.3829	.3814	.3773	.3739	.3765	.3831	.3823
120.				.3753	.3749	.3662	.3821	.3874	.3865	.3915	.3881	.3765	.3940	.3897
130.	.4030	.3921	.3803	.3794	.3737	.3805	.3829	.3901	.3979	.3937	.3968	.3875	.3912	.3984
150.			.3718	.3899	.3825	.3838	.3889	.3932	.3950	.3906	.4034	.3978	.3887	.4057
180.	.4090	.3919		.3871	.3848	.3869	.3936	.3963	.1541	.4014	.3922	.4033	.4062	.3986
210.			.3814	.3824	.3874	.3934	.3987	.3986	.4041	.3959	.4021	.4035	.3996	.4084
230.	.4118	.4015	.3994	.3941	.3939	.4061	.4098	.4111	.4165	.4127	.4173	.4093	.4175	.4317
240.				.4025	.4059	.3996	.4145	.4216	.4212	.4223	.4254	.4144	.4296	.4315
250.		.4284	.4176	.4161	.4196	.4170	.4358	.4377	.4394	.4427	.4324	.4330	.4389	.4508
260.			.4306	.4324	.4300	.4245	.4508	.4462	.4454	.4497	.4460	.4456	.4492	.4473
270.	.1853	.1659	.1762	.1525	.1630	.1708	.1810	.1743	.1775	.1715	.1634	.1628	.1614	.1623
280.			-.1263	-.1261	-.1290	-.1317	-.1296	-.1293	-.1277	-.1271	-.1301	-.1280	-.1265	-.1239
290.		-.0933	-.1044	-.1109	-.1165	-.1190	-.1224	-.1225	-.1228	-.1221	-.1241	-.1233	-.1218	-.1193
300.				-.1046	-.1224	-.1183	-.1195	-.1201	-.1220	-.1230	-.1239	-.1223	-.1204	-.1193
310.	-.0846	-.0916	-.1012	-.1093	-.0974	-.1032	-.1247	-.1238	-.1239	-.1221	-.1240	-.1269	-.1265	-.1240
330.			-.0746	-.0619	-.0566	-.0628	-.0600	-.0548	-.0510	-.0483	-.0432	-.0411	-.0425	-.0353
							FOR ALPHA = 20.50 DEG							
0.	-.0810	-.0774		-.0747	-.0696	-.0689	-.0679	-.0687	.0233	-.0533	-.0700	-.0662	-.0637	-.0638
30.			-.0720	-.0615	-.0674	-.0708	-.0713	-.0704	-.0695	-.0707	-.0678	-.0674	-.0683	-.0644
50.	-.0941	-.1261	-.1462	-.1349	-.1401	-.1158	-.1331	-.1343	-.1374	-.1350	-.1375	-.1405	-.1381	-.1369
60.				-.1582	-.1629	-.1628	-.1650	-.1650	-.1659	-.1659	-.1671	-.1673	-.1662	-.1632
70.		-.1379	-.1444	-.1516	-.1500	-.1516	-.1524	-.1531	-.1540	-.1528	-.1543	-.1538	-.1513	-.1489
80.			-.1440	-.1495	-.1514	-.1533	-.1523	-.1519	-.1522	-.1525	-.1539	-.1531	-.1533	-.1505
90.	.0298	.0148	.0225	.0008	.0065	.0086	.0119	.0101	.0097	.0062	.0055	.0043	.0033	.0052
100.			.4301	.4233	.4204	.4088	.4237	.4265	.4173	.4214	.4231	.4163	.4185	.4227
110.		.4910	.4819	.4814	.4831	.4807	.4937	.5029	.4960	.4926	.4910	.4899	.4964	.4983
120.				.5024	.5016	.5009	.5153	.5096	.5157	.5154	.5183	.5058	.5214	.5262
130.	.5282	.5141	.5152	.5106	.5092	.5131	.5266	.5187	.5252	.5255	.5296	.5215	.5226	.5327
150.			.5216	.5212	.5182	.5245	.5348	.5351	.5316	.5266	.5458	.5330	.5281	.5388
180.	.5518	.5302		.5247	.5213	.5330	.5364	.5374	.1256	.5379	.5342	.5422	.5425	.5365
210.			.5322	.5217	.5199	.5331	.5367	.5381	.5339	.5343	.5452	.5410	.5384	.5513
230.	.5500	.5389	.5390	.5295	.5304	.5404	.5494	.5504	.5568	.5509	.5550	.5484	.5504	.5636
240.				.5370	.5341	.5412	.5556	.5590	.5602	.5573	.5586	.5496	.5649	.5624
250.		.5527	.5513	.5450	.5523	.5510	.5641	.5731	.5630	.5615	.5573	.5585	.5667	.5775
260.			.5304	.5305	.5335	.5192	.5470	.5475	.5375	.5404	.5377	.5360	.5441	.5414
270.	.1549	.1334	.1363	.1112	.1263	.1336	.1487	.1422	.1391	.1342	.1291	.1228	.1230	.1253
280.			-.1595	-.1637	-.1644	-.1665	-.1604	-.1613	-.1606	-.1609	-.1612	-.1610	-.1600	-.1582
290.		-.1355	-.1513	-.1518	-.1514	-.1535	-.1550	-.1568	-.1564	-.1568	-.1572	-.1567	-.1559	-.1530
300.				-.1530	-.1516	-.1526	-.1543	-.1569	-.1579	-.1578	-.1572	-.1576	-.1555	-.1549
310.	-.1338	-.1407	-.1445	-.1493	-.1576	-.1327	-.1630	-.1627	-.1627	-.1629	-.1614	-.1623	-.1604	-.1602
330.			-.1460	-.1399	-.1462	-.1424	-.1393	-.1363	-.1406	-.1409	-.1350	-.1363	-.1383	-.1335

TABLE V. - CONTINUED

(G) MACH = 2.50, BETA = 3.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.50 DEG								
0.	-.0056	-.0086	-.0071	-.0061	-.0146	-.0128	-.0122	-.0130	-.0119	-.0126	-.0098	-.0061	-.0047	0.
30.	-.0055	-.0085	-.0067	-.0081	-.0111	-.0106	-.0109	-.0104	-.0063	-.0111	-.0075	-.0062	-.0037	30.
50.	-.0079	-.0111	-.0123	-.0118	-.0150	-.0139	-.0137	-.0140	-.0149	-.0140	-.0166	-.0128	-.0090	50.
60.	-.0197	-.0204	-.0194	-.0216	-.0214	-.0237	-.0226	-.0212	-.0226	-.0223	-.0225	-.0218	-.0201	60.
70.	-.0471	-.0465	-.0461	-.0473	-.0462	-.0455	-.0428	-.0404	-.0419	-.0433	-.0407	-.0373	-.0410	70.
80.	-.0644	-.0857	-.0875	-.0908	-.0902	-.0972	-.0974	-.0980	-.1015	-.1022	-.1021	-.1043	-.1048	80.
90.	.0723	.0680	.0646	.0655	.0637	.0621	.0628	.0628	.0603	.0641	.0630	.0636	.0619	90.
100.	.2715	.2620	.2580	.2578	.2776	.2580	.2619	.2618	.2553	.2604	.2582	.2624	.2630	100.
110.	.2706	.2709	.2704	.2788	.2655	.2650	.2692	.2704	.2671	.2655	.2559	.2704	.2691	110.
120.	.2741	.2689	.2718	.2723	.2677	.2632	.2640	.2716	.2684	.2658	.2608	.2652	.2673	120.
130.	.2780	.2638	.2700	.2705	.2643	.2690	.2675	.2724	.2629	.2585	.2570	.2703	.2764	130.
150.	.2772	.2642	.2727	.2688	.2710	.2651	.2675	.2717	.2646	.2589	.2707	.2778	.2809	150.
180.	.2796	.2718	.2754	.2764	.2632	.2644	.2652	.2620	.2645	.2634	.2698	.2813	.2808	180.
210.	.2845	.2786	.2807	.2786	.2741	.2728	.2662	.2630	.2654	.2685	.2732	.2748	.2843	210.
230.	.2970	.2857	.2861	.2895	.2833	.2843	.2831	.2892	.2824	.2832	.2711	.2879	.2988	230.
240.	.3033	.3053	.3008	.2949	.2906	.2976	.2891	.2904	.2894	.2953	.2884	.2909	.2974	240.
250.	.3284	.3258	.3199	.3244	.3203	.3188	.3113	.3160	.3165	.3093	.3115	.3196	.3184	250.
260.	.3595	.3592	.3464	.3405	.3638	.3466	.3438	.3454	.3438	.3426	.3471	.3461	.3518	260.
270.	.2072	.2005	.2010	.1969	.1951	.1902	.1882	.1896	.1901	.1883	.1885	.1925	.1939	270.
280.	-.0509	-.0637	-.0688	-.0711	-.0720	-.0800	-.0827	-.0809	-.0813	-.0825	-.0837	-.0795	-.0781	280.
290.	-.0805	-.0803	-.0842	-.0838	-.0859	-.0864	-.0862	-.0891	-.0901	-.0908	-.0906	-.0917	-.0887	290.
300.	-.0358	-.0362	-.0363	-.0368	-.0341	-.0353	-.0365	-.0346	-.0373	-.0354	-.0379	-.0383	-.0356	300.
310.	-.0201	-.0218	-.0229	-.0216	-.0255	-.0230	-.0229	-.0218	-.0236	-.0235	-.0275	-.0245	-.0212	310.
330.	-.0107	-.0147	-.0140	-.0131	-.0173	-.0161	-.0166	-.0161	-.0117	-.0158	-.0146	-.0115	-.0101	330.
						FOR ALPHA = 15.50 DEG								
0.	-.0356	-.0378	-.0362	-.0350	-.0415	-.0407	-.0400	-.0402	-.0390	-.0412	-.0376	-.0338	-.0318	0.
30.	-.0356	-.0384	-.0370	-.0373	-.0408	-.0412	-.0408	-.0392	-.0332	-.0389	-.0351	-.0325	-.0308	30.
50.	-.0375	-.0434	-.0448	-.0414	-.0423	-.0394	-.0401	-.0349	-.0367	-.0360	-.0392	-.0342	-.0325	50.
60.	-.1402	-.1398	-.1402	-.1407	-.1335	-.1394	-.1399	-.1378	-.1391	-.1400	-.1406	-.1410	-.1418	60.
70.	-.1280	-.1284	-.1296	-.1284	-.1287	-.1290	-.1292	-.1284	-.1291	-.1289	-.1297	-.1281	-.1272	70.
80.	-.0999	-.1239	-.1241	-.1246	-.1241	-.1287	-.1281	-.1279	-.1294	-.1279	-.1290	-.1298	-.1293	80.
90.	.0316	.0307	.0299	.0279	.0233	.0193	.0211	.0215	.0175	.0193	.0167	.0203	.0193	90.
100.	.3404	.3405	.3323	.3332	.3536	.3341	.3363	.3342	.3309	.3341	.3348	.3377	.3397	100.
110.	.3734	.3689	.3738	.3763	.3691	.3757	.3788	.3717	.3735	.3716	.3597	.3748	.3705	110.
120.	.3815	.3756	.3771	.3732	.3791	.3805	.3799	.3865	.3770	.3772	.3726	.3745	.3770	120.
130.	.3934	.3857	.3853	.3820	.3811	.3833	.3852	.3851	.3788	.3750	.3698	.3795	.3938	130.
150.	.4016	.3868	.3931	.3877	.3832	.3803	.3820	.3826	.3816	.3797	.3940	.3978	.3960	150.
180.	.3991	.3919	.3971	.3981	.3802	.3887	.3853	.3811	.3816	.3794	.3914	.4008	.3994	180.
210.	.4077	.3938	.3977	.3989	.3913	.3913	.3881	.3891	.3856	.3837	.3956	.4013	.4052	210.
230.	.4146	.4033	.4042	.4108	.4051	.4094	.4074	.4132	.4008	.3923	.3915	.4052	.4145	230.
240.	.4219	.4220	.4192	.4166	.4149	.4155	.4105	.4176	.4100	.4101	.4027	.4114	.4246	240.
250.	.4387	.4388	.4350	.4408	.4295	.4274	.4324	.4301	.4292	.4270	.4182	.4341	.4349	250.
260.	.4528	.4474	.4343	.4346	.4565	.4341	.4356	.4386	.4414	.4343	.4361	.4376	.4461	260.
270.	.1654	.1631	.1595	.1537	.1522	.1449	.1446	.1453	.1447	.1483	.1466	.1498	.1513	270.
280.	-.1046	-.1242	-.1263	-.1296	-.1285	-.1381	-.1380	-.1377	-.1378	-.1381	-.1373	-.1373	-.1380	280.
290.	-.1231	-.1239	-.1243	-.1259	-.1257	-.1264	-.1264	-.1286	-.1290	-.1299	-.1289	-.1296	-.1317	290.
300.	-.1236	-.1233	-.1226	-.1222	-.1164	-.1210	-.1192	-.1198	-.1192	-.1200	-.1183	-.1171	-.1148	300.
310.	-.1256	-.1214	-.1239	-.1228	-.1244	-.1226	-.1215	-.1215	-.1208	-.1207	-.1191	-.1187	-.1158	310.
330.	-.0401	-.0421	-.0414	-.0380	-.0410	-.0392	-.0392	-.0387	-.0330	-.0416	-.0334	-.0323	-.0303	330.
						FOR ALPHA = 20.50 DEG								
0.	-.0665	-.0697	-.0683	-.0668	-.0699	-.0684	-.0674	-.0679	-.0664	-.0686	-.0657	-.0638	-.0619	0.
30.	-.0705	-.0736	-.0716	-.0699	-.0696	-.0688	-.0700	-.0689	-.0624	-.0699	-.0664	-.0649	-.0635	30.
50.	-.1381	-.1342	-.1406	-.1414	-.1382	-.1379	-.1384	-.1396	-.1391	-.1411	-.1429	-.1419	-.1406	50.
60.	-.1666	-.1664	-.1672	-.1676	-.1577	-.1668	-.1680	-.1688	-.1699	-.1701	-.1707	-.1720	-.1719	60.
70.	-.1519	-.1544	-.1548	-.1554	-.1570	-.1561	-.1544	-.1564	-.1574	-.1576	-.1574	-.1566	-.1547	70.
80.	-.1237	-.1519	-.1519	-.1531	-.1523	-.1556	-.1554	-.1565	-.1568	-.1559	-.1562	-.1569	-.1571	80.
90.	.0058	.0027	.0027	.0016	-.0012	-.0066	-.0056	-.0053	-.0053	-.0051	-.0077	-.0073	-.0068	90.
100.	.4216	.4248	.4087	.4094	.4371	.4150	.4186	.4150	.4104	.4103	.4134	.4139	.4176	100.
110.	.4931	.4922	.4915	.4947	.4879	.4975	.4918	.4942	.4888	.4832	.4740	.4906	.4929	110.
120.	.5192	.5053	.5076	.5067	.5069	.5182	.5087	.5124	.5106	.5003	.4984	.4993	.5077	120.
130.	.5279	.5113	.5120	.5188	.5204	.5249	.5259	.5235	.5166	.5113	.4953	.5195	.5269	130.
150.	.5381	.5240	.5298	.5308	.5341	.5220	.5249	.5266	.5173	.5228	.5322	.5320	.5399	150.
180.	.5352	.5315	.5310	.5351	.5189	.5243	.5244	.5250	.5243	.5179	.5346	.5384	.5427	180.
210.	.5471	.5329	.5367	.5310	.5348	.5344	.5265	.5306	.5208	.5261	.5369	.5412	.5525	210.
230.	.5502	.5367	.5419	.5479	.5477	.5461	.5463	.5425	.5456	.5368	.5316	.5509	.5565	230.
240.	.5591	.5554	.5508	.5490	.5481	.5559	.5504	.5598	.5528	.5479	.5427	.5352	.5489	240.
250.	.5655	.5617	.5587	.5597	.5595	.5664	.5680	.5680	.5621	.5532	.5433	.5592	.5582	250.
260.	.5425	.5404	.5293	.5298	.5544	.5283	.5413	.5273	.5251	.5311	.5362	.5341	.5436	260.
270.	.1240	.1217	.1194	.1164	.1101	.1040	.1006	.1001	.0998	.1052	.1035	.1104	.1092	270.
280.	-.1331	-.1586	-.1599	-.1609	-.1609	-.1682	-.1688	-.1687	-.1691	-.1658	-.1659	-.1681	-.1708	280.
290.	-.1558	-.1577	-.1584	-.1592	-.1594	-.1579	-.1593	-.1600	-.1616	-.1588	-.1590	-.1599	-.1623	290.
300.	-.1581	-.1588	-.1582	-.1592	-.1499	-.1577	-.1580	-.1603	-.1625	-.1599	-.1618	-.1630	-.1638	300.
310.	-.1617	-.1572	-.1631	-.1633	-.1617	-.1617	-.1626	-.1621	-.1615	-.1602	-.1627	-.1643	-.1644	310.
330.	-.1383	-.1402	-.1402	-.1382	-.1378	-.1364	-.1403	-.1382	-.1271	-.1373	-.1359	-.1371	-.1382	330.

TABLE V. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.50 DEG								
0.	.1743	.1609		.1483	.1496	.1533	.1557	.1556	.2151	.1604	.1527	.1584	.1595	.1576
30.			.1395	.1449	.1472	.1471	.1490	.1495	.1473	.1488	.1551	.1527	.1482	.1554
50.	.1652	.1562	.1409	.1385	.1444	.1499	.1472	.1473	.1478	.1488	.1505	.1408	.1462	.1521
60.				.1360	.1442	.1430	.1467	.1480	.1467	.1479	.1473	.1395	.1483	.1503
70.		.1586	.1393	.1439	.1430	.1425	.1478	.1481	.1490	.1464	.1442	.1412	.1453	.1513
80.			.1444	.1516	.1463	.1435	.1556	.1544	.1515	.1524	.1495	.1453	.1491	.1496
90.	.1198	.1134	.1168	.1070	.1074	.1093	.1115	.1075	.1092	.1082	.1046	.1027	.1045	.1089
100.			.0358	.0293	.0316	.0294	.0345	.0308	.0312	.0376	.0350	.0295	.0354	.0408
110.		.0507	.0330	.0335	.0331	.0328	.0345	.0378	.0390	.0387	.0401	.0352	.0401	.0449
120.				.0354	.0355	.0360	.0389	.0398	.0409	.0420	.0433	.0371	.0441	.0467
130.	.0557	.0489	.0339	.0365	.0349	.0469	.0410	.0436	.0420	.0421	.0442	.0397	.0424	.0475
150.			.0331	.0354	.0348	.0377	.0412	.0412	.0402	.0399	.0453	.0419	.0412	.0468
180.	.0539	.0465		.0357	.0372	.0373	.0403	.0415	.1968	.0494	.0386	.0429	.0439	.0417
210.			.0330	.0354	.0356	.0359	.0389	.0392	.0399	.0383	.0413	.0413	.0409	.0449
230.	.0531	.0421	.0298	.0322	.0303	.0427	.0352	.0349	.0345	.0341	.0352	.0350	.0395	.0436
240.				.0256	.0288	.0273	.0331	.0348	.0318	.0312	.0313	.0300	.0388	.0380
250.		.0534	.0404	.0305	.0290	.0269	.0334	.0363	.0369	.0343	.0306	.0329	.0388	.0398
260.			.0725	.0757	.0703	.0640	.0759	.0766	.0815	.0792	.0773	.0797	.0808	.0806
270.	.2944	.2919	.2988	.2941	.2922	.2922	.2960	.2976	.3027	.2986	.2945	.2971	.2921	.2992
280.			.2411	.2475	.2413	.2416	.2563	.2546	.2571	.2563	.2579	.2561	.2592	.2570
290.		.2073	.1919	.1898	.1930	.1925	.2030	.2062	.2074	.2004	.2023	.2034	.2114	.2062
300.				.1722	.1665	.1705	.1830	.1859	.1817	.1848	.1845	.1767	.1891	.1840
310.	.1874	.1723	.1613	.1624	.1609	.1722	.1733	.1750	.1760	.1761	.1767	.1716	.1756	.1745
330.			.1487	.1539	.1504	.1583	.1615	.1643	.1607	.1630	.1684	.1649	.1613	.1697
						FOR ALPHA = -2.49 DEG								
0.	.1396	.1294		.1167	.1213	.1212	.1236	.1256	.2208	.1284	.1236	.1274	.1280	.1261
30.			.1097	.1125	.1173	.1173	.1202	.1213	.1181	.1217	.1253	.1244	.1231	.1268
50.	.1340	.1258	.1141	.1082	.1153	.1229	.1213	.1210	.1203	.1196	.1207	.1182	.1211	.1282
60.				.1094	.1136	.1161	.1184	.1211	.1224	.1206	.1212	.1147	.1233	.1269
70.		.1304	.1109	.1179	.1142	.1139	.1194	.1253	.1241	.1227	.1209	.1176	.1241	.1276
80.			.1211	.1244	.1249	.1192	.1328	.1319	.1304	.1336	.1291	.1239	.1283	.1278
90.	.1331	.1266	.1292	.1242	.1215	.1258	.1266	.1277	.1283	.1284	.1236	.1211	.1217	.1278
100.			.0623	.0655	.0621	.0603	.0670	.0705	.0667	.0722	.0690	.0663	.0664	.0754
110.		.0711	.0585	.0550	.0577	.0565	.0606	.0655	.0649	.0644	.0620	.0607	.0630	.0686
120.				.0530	.0584	.0567	.0622	.0650	.0640	.0644	.0632	.0603	.0650	.0679
130.	.0766	.0716	.0552	.0545	.0592	.0691	.0639	.0646	.0645	.0634	.0656	.0611	.0624	.0682
150.			.0549	.0533	.0569	.0611	.0609	.0606	.0629	.0603	.0667	.0656	.0621	.0667
180.	.0754	.0674		.0527	.0593	.0595	.0633	.0633	.2145	.0712	.0612	.0647	.0660	.0630
210.			.0548	.0547	.0579	.0591	.0617	.0636	.0640	.0628	.0658	.0634	.0636	.0689
230.	.0768	.0664	.0544	.0594	.0566	.0689	.0631	.0638	.0642	.0643	.0653	.0616	.0648	.0694
240.				.0575	.0579	.0573	.0637	.0645	.0636	.0662	.0658	.0614	.0678	.0695
250.		.0872	.0684	.0676	.0655	.0634	.0723	.0735	.0731	.0729	.0699	.0700	.0739	.0790
260.			.1146	.1142	.1111	.1092	.1233	.1175	.1178	.1250	.1236	.1201	.1221	.1256
270.	.2980	.2981	.3073	.3027	.2962	.3012	.3031	.3058	.3070	.3086	.3036	.3038	.3037	.3065
280.			.2061	.2069	.2010	.2040	.2159	.2128	.2142	.2200	.2181	.2118	.2160	.2211
290.		.1689	.1519	.1522	.1534	.1550	.1576	.1668	.1630	.1683	.1605	.1648	.1689	.1698
300.				.1382	.1357	.1338	.1439	.1466	.1432	.1484	.1469	.1396	.1492	.1490
310.	.1499	.1356	.1314	.1323	.1310	.1346	.1383	.1389	.1395	.1402	.1361	.1369	.1361	.1443
330.			.1190	.1231	.1246	.1240	.1300	.1301	.1303	.1276	.1330	.1295	.1267	.1354
						FOR ALPHA = -1.50 DEG								
0.	.1251	.1143		.1007	.1070	.1076	.1103	.1120	.2220	.1168	.1082	.1127	.1148	.1127
30.			.0964	.0953	.1028	.1051	.1068	.1075	.1073	.1059	.1134	.1106	.1076	.1144
50.	.1219	.1173	.0991	.0959	.1046	.1116	.1066	.1076	.1080	.1070	.1110	.1032	.1083	.1162
60.				.0963	.1042	.1021	.1074	.1075	.1069	.1086	.1073	.1011	.1102	.1139
70.		.1169	.1003	.1022	.1035	.1001	.1100	.1098	.1104	.1104	.1061	.1056	.1109	.1138
80.			.1098	.1119	.1115	.1100	.1197	.1177	.1174	.1207	.1174	.1147	.1171	.1176
90.	.1378	.1329	.1347	.1292	.1264	.1298	.1322	.1324	.1342	.1322	.1289	.1279	.1292	.1322
100.			.0763	.0785	.0779	.0727	.0819	.0833	.0835	.0826	.0847	.0800	.0813	.0848
110.		.0836	.0686	.0667	.0690	.0681	.0719	.0776	.0795	.0774	.0757	.0736	.0759	.0780
120.				.0642	.0667	.0699	.0743	.0761	.0766	.0757	.0753	.0706	.0778	.0760
130.	.0882	.0829	.0667	.0641	.0660	.0817	.0736	.0756	.0760	.0761	.0766	.0729	.0758	.0797
150.			.0641	.0643	.0665	.0721	.0725	.0723	.0716	.0744	.0800	.0774	.0748	.0781
180.	.0868	.0797		.0641	.0688	.0709	.0740	.0743	.2238	.0836	.0719	.0770	.0781	.0752
210.			.0661	.0678	.0714	.0718	.0740	.0763	.0772	.0755	.0796	.0774	.0742	.0804
230.	.0898	.0800	.0663	.0697	.0696	.0826	.0751	.0779	.0786	.0779	.0810	.0763	.0788	.0834
240.				.0737	.0726	.0725	.0810	.0830	.0775	.0807	.0812	.0784	.0846	.0855
250.		.1020	.0866	.0829	.0814	.0804	.0925	.0925	.0917	.0926	.0899	.0871	.0956	.1009
260.			.1328	.1363	.1288	.1265	.1422	.1410	.1410	.1457	.1424	.1430	.1433	.1476
270.	.2985	.2965	.3044	.3050	.2968	.3024	.3049	.3083	.3116	.3125	.3054	.3056	.3060	.3120
280.			.1838	.1804	.1817	.1812	.1958	.1969	.1937	.1992	.1954	.1942	.1975	.2007
290.		.1478	.1322	.1298	.1327	.1351	.1417	.1483	.1460	.1426	.1429	.1412	.1467	.1514
300.				.1180	.1148	.1175	.1280	.1261	.1282	.1298	.1285	.1246	.1312	.1313
310.	.1333	.1175	.1095	.1148	.1129	.1234	.1222	.1213	.1244	.1244	.1221	.1218	.1224	.1234
330.			.1026	.1050	.1082	.1126	.1147	.1149	.1138	.1153	.1183	.1113	.1135	.1186

TABLE V. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.50 DEG								
0.	.1571	.1501	.1543	.1529	.1413	.1422	.1429	.1404	.1435	.1423	.1505	.1542	.1597	0.
30.	.1525	.1448	.1486	.1488	.1416	.1392	.1376	.1400	.1404	.1402	.1473	.1482	.1524	30.
50.	.1491	.1400	.1402	.1457	.1377	.1397	.1399	.1403	.1394	.1393	.1370	.1439	.1505	50.
60.	.1452	.1428	.1423	.1420	.1382	.1403	.1391	.1407	.1406	.1405	.1353	.1391	.1425	60.
70.	.1453	.1445	.1440	.1463	.1471	.1442	.1475	.1432	.1420	.1422	.1387	.1460	.1474	70.
80.	.1554	.1519	.1475	.1474	.1648	.1458	.1451	.1468	.1442	.1474	.1510	.1499	.1528	80.
90.	.1109	.1072	.1068	.1070	.1073	.1047	.1031	.1018	.1024	.1006	.0968	.1034	.1026	90.
100.	.0489	.0387	.0360	.0327	.0406	.0352	.0343	.0321	.0306	.0303	.0290	.0318	.0323	100.
110.	.0423	.0403	.0387	.0395	.0378	.0433	.0404	.0375	.0359	.0345	.0327	.0374	.0388	110.
120.	.0401	.0374	.0402	.0393	.0453	.0445	.0444	.0424	.0400	.0371	.0351	.0364	.0408	120.
130.	.0446	.0367	.0379	.0404	.0445	.0450	.0456	.0451	.0424	.0396	.0343	.0384	.0448	130.
150.	.0436	.0370	.0387	.0404	.0427	.0403	.0426	.0441	.0443	.0405	.0452	.0435	.0451	150.
180.	.0408	.0380	.0398	.0412	.0356	.0352	.0362	.0355	.0342	.0334	.0385	.0432	.0450	180.
210.	.0412	.0371	.0406	.0383	.0342	.0344	.0319	.0306	.0309	.0292	.0336	.0364	.0397	210.
230.	.0400	.0391	.0376	.0376	.0315	.0326	.0317	.0346	.0322	.0335	.0316	.0328	.0340	230.
240.	.0328	.0347	.0362	.0338	.0326	.0326	.0314	.0327	.0283	.0326	.0315	.0315	.0339	240.
250.	.0356	.0384	.0348	.0390	.0379	.0372	.0404	.0368	.0304	.0329	.0330	.0403	.0375	250.
260.	.0867	.0825	.0743	.0717	.0756	.0627	.0670	.0675	.0626	.0611	.0647	.0700	.0719	260.
270.	.2973	.2943	.2961	.2904	.2890	.2835	.2873	.2904	.2857	.2890	.2868	.2930	.2876	270.
280.	.2615	.2616	.2528	.2479	.2645	.2441	.2461	.2492	.2377	.2469	.2509	.2533	.2539	280.
290.	.2042	.2041	.2025	.1972	.2021	.1980	.2016	.1954	.1938	.1949	.1913	.2041	.1993	290.
300.	.1787	.1775	.1796	.1747	.1694	.1736	.1725	.1738	.1722	.1757	.1734	.1768	.1766	300.
310.	.1751	.1665	.1683	.1646	.1581	.1589	.1634	.1615	.1648	.1684	.1646	.1678	.1746	310.
330.	.1646	.1550	.1588	.1554	.1517	.1512	.1502	.1479	.1514	.1522	.1596	.1627	.1691	330.
						FOR ALPHA = -2.49 DEG								
0.	.1232	.1225	.1229	.1257	.1110	.1132	.1139	.1125	.1120	.1126	.1193	.1235	.1274	0.
30.	.1261	.1191	.1213	.1216	.1127	.1099	.1102	.1107	.1112	.1127	.1175	.1179	.1199	30.
50.	.1255	.1160	.1174	.1184	.1093	.1118	.1126	.1109	.1116	.1096	.1078	.1174	.1198	50.
60.	.1199	.1168	.1176	.1148	.1114	.1149	.1121	.1130	.1111	.1103	.1102	.1119	.1164	60.
70.	.1205	.1201	.1200	.1193	.1205	.1164	.1196	.1189	.1144	.1156	.1120	.1196	.1217	70.
80.	.1348	.1334	.1280	.1264	.1394	.1222	.1253	.1253	.1237	.1264	.1279	.1297	.1298	80.
90.	.1296	.1260	.1282	.1282	.1266	.1230	.1252	.1241	.1240	.1224	.1196	.1223	.1210	90.
100.	.0794	.0724	.0681	.0657	.0736	.0696	.0698	.0675	.0656	.0607	.0617	.0629	.0701	100.
110.	.0639	.0623	.0614	.0651	.0607	.0666	.0682	.0660	.0623	.0589	.0577	.0603	.0631	110.
120.	.0597	.0603	.0604	.0631	.0657	.0667	.0658	.0674	.0644	.0620	.0586	.0569	.0607	120.
130.	.0627	.0569	.0563	.0615	.0633	.0641	.0644	.0679	.0646	.0624	.0596	.0623	.0643	130.
150.	.0622	.0591	.0584	.0603	.0612	.0620	.0618	.0671	.0645	.0629	.0677	.0688	.0687	150.
180.	.0621	.0582	.0594	.0614	.0548	.0564	.0565	.0570	.0563	.0537	.0591	.0653	.0663	180.
210.	.0646	.0578	.0598	.0601	.0565	.0553	.0545	.0543	.0572	.0540	.0590	.0614	.0640	210.
230.	.0667	.0628	.0616	.0636	.0566	.0559	.0575	.0595	.0592	.0598	.0565	.0608	.0639	230.
240.	.0645	.0626	.0661	.0645	.0617	.0616	.0621	.0635	.0591	.0624	.0596	.0599	.0635	240.
250.	.0754	.0753	.0750	.0756	.0754	.0732	.0746	.0739	.0691	.0709	.0680	.0741	.0760	250.
260.	.1315	.1264	.1201	.1165	.1227	.1107	.1089	.1099	.1072	.1078	.1119	.1140	.1219	260.
270.	.3098	.3036	.3038	.3006	.3022	.2978	.2936	.2978	.2956	.2944	.2947	.3031	.3002	270.
280.	.2170	.2209	.2097	.2078	.2228	.2009	.2078	.2031	.2059	.2045	.2119	.2124	.2161	280.
290.	.1629	.1658	.1626	.1620	.1608	.1565	.1588	.1572	.1554	.1572	.1529	.1624	.1625	290.
300.	.1406	.1380	.1420	.1418	.1314	.1384	.1358	.1374	.1365	.1349	.1371	.1352	.1447	300.
310.	.1371	.1337	.1321	.1334	.1237	.1268	.1284	.1307	.1284	.1314	.1269	.1313	.1381	310.
330.	.1298	.1222	.1240	.1246	.1179	.1166	.1176	.1194	.1164	.1194	.1247	.1284	.1350	330.
						FOR ALPHA = -1.50 DEG								
0.	.1123	.1074	.1090	.1097	.0972	.0982	.0988	.0990	.1006	.0984	.1051	.1096	.1124	0.
30.	.1118	.1042	.1068	.1074	.0993	.0977	.0970	.0980	.0991	.0976	.1036	.1045	.1060	30.
50.	.1104	.1033	.1030	.1039	.0973	.0987	.0992	.0996	.0963	.0977	.0941	.1011	.1065	50.
60.	.1076	.1054	.1050	.1028	.0994	.0997	.0985	.1006	.0980	.1000	.0951	.0985	.1034	60.
70.	.1095	.1078	.1072	.1083	.1054	.1044	.1059	.1041	.1022	.1017	.0983	.1059	.1082	70.
80.	.1255	.1192	.1163	.1154	.1263	.1138	.1123	.1134	.1118	.1116	.1159	.1165	.1155	80.
90.	.1357	.1320	.1340	.1337	.1326	.1294	.1301	.1297	.1292	.1295	.1254	.1278	.1247	90.
100.	.0964	.0857	.0824	.0790	.0889	.0821	.0848	.0855	.0814	.0766	.0779	.0793	.0825	100.
110.	.0756	.0755	.0747	.0752	.0765	.0808	.0807	.0800	.0750	.0718	.0689	.0745	.0730	110.
120.	.0726	.0704	.0714	.0702	.0791	.0775	.0769	.0781	.0765	.0720	.0708	.0718	.0734	120.
130.	.0757	.0687	.0681	.0700	.0741	.0760	.0766	.0766	.0776	.0731	.0697	.0755	.0775	130.
150.	.0740	.0695	.0714	.0685	.0737	.0723	.0723	.0741	.0749	.0715	.0784	.0798	.0824	150.
180.	.0742	.0705	.0719	.0733	.0668	.0676	.0689	.0684	.0665	.0647	.0711	.0760	.0794	180.
210.	.0766	.0704	.0714	.0717	.0666	.0668	.0655	.0665	.0674	.0641	.0707	.0745	.0759	210.
230.	.0822	.0746	.0759	.0794	.0699	.0691	.0715	.C737	.0733	.0744	.0717	.0721	.0752	230.
240.	.0779	.0781	.0812	.0814	.0767	.0740	.0750	.0783	.0727	.0786	.0745	.0735	.0791	240.
250.	.0937	.0934	.0951	.0965	.0947	.0911	.0936	.0880	.0842	.0883	.0872	.0919	.0932	250.
260.	.1506	.1434	.1395	.1385	.1430	.1332	.1310	.1305	.1310	.1329	.1308	.1369	.1448	260.
270.	.3115	.3079	.3045	.3036	.3048	.2982	.3014	.3008	.2996	.3009	.3015	.3063	.3015	270.
280.	.2023	.2014	.1922	.1897	.2021	.1843	.1892	.1875	.1819	.1866	.1871	.1906	.1969	280.
290.	.1473	.1464	.1443	.1423	.1446	.1386	.1374	.1417	.1368	.1377	.1371	.1435	.1431	290.
300.	.1239	.1235	.1280	.1270	.1202	.1224	.1202	.1229	.1202	.1200	.1205	.1211	.1236	300.
310.	.1242	.1162	.1158	.1194	.1119	.1115	.1131	.1141	.1149	.1148	.1083	.1175	.1208	310.
330.	.1148	.1088	.1098	.1100	.1036	.1036	.1048	.1054	.1049	.1038	.1095	.1147	.1201	330.

TABLE V. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -.50 DEG								
0.	.1106	.1005		.0862	.0927	.0947	.0969	.0979	.2202	.1021	.0961	.1016	.1018	.0992
30.			.0817	.0846	.0904	.0916	.0933	.0943	.0946	.0953	.1002	.0992	.0962	.1016
50.	.1073	.1023	.0832	.0830	.0894	.0996	.0951	.0959	.0962	.0953	.0981	.0939	.0961	.1017
60.				.0822	.0894	.0889	.0942	.0965	.0954	.0965	.0954	.0899	.0991	.1009
70.		.1021	.0862	.0875	.0904	.0878	.0962	.0996	.0980	.0971	.0963	.0950	.1008	.1031
80.			.0962	.0979	.0980	.0954	.1059	.1054	.1060	.1083	.1066	.1032	.1055	.1060
90.	.1388	.1344	.1352	.1319	.1285	.1310	.1344	.1346	.1373	.1351	.1311	.1319	.1328	.1376
100.			.0878	.0911	.0922	.0860	.0947	.0979	.0984	.0990	.0966	.0932	.0980	.0988
110.		.0951	.0797	.0808	.0804	.0797	.0848	.0889	.0931	.0889	.0890	.0860	.0909	.0910
120.				.0767	.0791	.0792	.0849	.0852	.0872	.0853	.0866	.0831	.0904	.0895
130.	.0994	.0956	.0773	.0757	.0794	.0905	.0838	.0839	.0852	.0858	.0888	.0842	.0886	.0912
150.			.0762	.0770	.0808	.0811	.0825	.0847	.0821	.0822	.0915	.0885	.0868	.0889
180.	.0984	.0906		.0774	.0828	.0833	.0861	.0874	.2301	.0939	.0847	.0878	.0901	.0879
210.			.0791	.0792	.0831	.0853	.0904	.0886	.0882	.0875	.0924	.0879	.0898	.0946
230.	.1018	.0895	.0825	.0815	.0851	.0958	.0945	.0918	.0935	.0953	.0935	.0909	.0954	.0989
240.				.0879	.0863	.0877	.0972	.0968	.0980	.0994	.0962	.0954	.1029	.1024
250.		.1152	.1029	.0955	.1013	.1018	.1073	.1121	.1136	.1107	.1088	.1103	.1154	.1178
260.			.1560	.1527	.1547	.1507	.1609	.1647	.1652	.1681	.1660	.1623	.1638	.1680
270.	.2986	.2982	.3060	.3058	.3010	.3024	.3068	.3106	.3130	.3125	.3087	.3099	.3061	.3102
280.			.1694	.1674	.1675	.1589	.1748	.1730	.1706	.1804	.1777	.1739	.1741	.1773
290.		.1308	.1191	.1178	.1146	.1147	.1211	.1232	.1262	.1257	.1207	.1230	.1278	.1304
300.				.1054	.1016	.0991	.1098	.1115	.1131	.1113	.1096	.1065	.1117	.1155
310.	.1161	.1040	.0963	.0967	.0946	.1048	.1064	.1096	.1070	.1080	.1053	.1013	.1065	.1111
330.			.0901	.0915	.0954	.0966	.1010	.1014	.1010	.0985	.1032	.1004	.1016	.1042
						FOR ALPHA = .50 DEG								
0.	.0981	.0883		.0762	.0812	.0804	.0852	.0857	.2180	.0892	.0832	.0883	.0890	.0852
30.			.0728	.0744	.0804	.0793	.0810	.0829	.0836	.0823	.0881	.0869	.0844	.0871
50.	.0976	.0941	.0743	.0728	.0795	.0875	.0835	.0841	.0850	.0831	.0869	.0816	.0847	.0900
60.				.0764	.0805	.0795	.0830	.0843	.0845	.0835	.0845	.0791	.0885	.0878
70.		.0944	.0778	.0785	.0815	.0786	.0845	.0869	.0872	.0862	.0840	.0826	.0887	.0898
80.			.0882	.0884	.0878	.0837	.0931	.0927	.0946	.0950	.0915	.0909	.0913	.0950
90.	.1390	.1329	.1360	.1325	.1291	.1325	.1319	.1343	.1360	.1357	.1315	.1313	.1308	.1352
100.			.1010	.1041	.1030	.1001	.1070	.1106	.1091	.1121	.1093	.1061	.1091	.1106
110.		.1069	.0913	.0930	.0945	.0912	.0982	.0999	.1020	.1013	.0969	.0993	.1015	.1041
120.				.0865	.0913	.0912	.0938	.0965	.0969	.0983	.0964	.0942	.1014	.1021
130.	.1108	.1088	.0896	.0850	.0924	.0994	.0947	.0950	.0992	.0966	.1005	.0941	.0990	.1043
150.			.0871	.0864	.0941	.0929	.0950	.0942	.0941	.0941	.0993	.0993	.0976	.1035
180.	.1120	.1023		.0897	.0952	.0959	.1004	.0997	.2309	.1040	.0960	.1002	.1046	.1010
210.			.0908	.0915	.0929	.0990	.1043	.1033	.1049	.1012	.1067	.1026	.1015	.1088
230.	.1183	.1076	.0970	.0989	.0983	.1098	.1086	.1086	.1098	.1117	.1108	.1046	.1096	.1177
240.				.1058	.1053	.1031	.1143	.1145	.1129	.1171	.1156	.1095	.1191	.1197
250.		.1360	.1246	.1154	.1182	.1207	.1288	.1289	.1319	.1346	.1293	.1280	.1335	.1330
260.			.1734	.1740	.1705	.1700	.1849	.1828	.1849	.1902	.1879	.1867	.1862	.1872
270.	.3005	.2995	.3055	.3054	.2996	.3029	.3071	.3090	.3129	.3091	.3058	.3077	.3044	.3132
280.			.1495	.1476	.1460	.1399	.1515	.1561	.1554	.1592	.1543	.1550	.1588	.1543
290.		.1139	.1029	.0973	.0968	.0975	.1016	.1091	.1075	.1038	.1039	.1033	.1089	.1085
300.				.0860	.0854	.0867	.0900	.0949	.0948	.0937	.0914	.0918	.0985	.0983
310.	.1021	.0894	.0814	.0838	.0798	.0905	.0906	.0926	.0916	.0919	.0893	.0887	.0906	.0934
330.			.0783	.0788	.0788	.0819	.0876	.0853	.0883	.0865	.0870	.0863	.0867	.0900
						FOR ALPHA = 1.50 DEG								
0.	.0850	.0767		.0623	.0674	.0689	.0722	.0725	.2125	.0782	.0706	.0765	.0763	.0745
30.			.0600	.0585	.0680	.0683	.0710	.0709	.0708	.0721	.0779	.0737	.0713	.0773
50.	.0840	.0803	.0632	.0583	.0648	.0779	.0743	.0736	.0736	.0756	.0763	.0702	.0733	.0781
60.				.0623	.0617	.0652	.0736	.0722	.0729	.0754	.0728	.0683	.0751	.0769
70.		.0792	.0636	.0644	.0650	.0681	.0731	.0749	.0765	.0752	.0716	.0728	.0752	.0779
80.			.0744	.0718	.0713	.0719	.0787	.0796	.0799	.0830	.0801	.0780	.0769	.0793
90.	.1359	.1313	.1325	.1286	.1271	.1296	.1307	.1324	.1338	.1319	.1290	.1285	.1300	.1318
100.			.1175	.1160	.1147	.1127	.1217	.1238	.1240	.1226	.1239	.1216	.1209	.1233
110.		.1208	.1068	.1079	.1050	.1060	.1101	.1139	.1137	.1119	.1114	.1101	.1151	.1154
120.				.1034	.1049	.1051	.1083	.1092	.1083	.1108	.1093	.1061	.1154	.1141
130.	.1238	.1213	.1011	.0977	.1071	.1123	.1077	.1097	.1087	.1110	.1120	.1074	.1107	.1162
150.			.0999	.1014	.1060	.1050	.1097	.1106	.1072	.1078	.1146	.1118	.1092	.1179
180.	.1264	.1158		.1038	.1081	.1095	.1135	.1132	.2349	.1182	.1096	.1172	.1168	.1153
210.			.1042	.1074	.1087	.1134	.1159	.1192	.1174	.1183	.1207	.1185	.1179	.1223
230.	.1335	.1208	.1099	.1151	.1118	.1237	.1225	.1279	.1284	.1265	.1270	.1239	.1247	.1306
240.				.1208	.1161	.1194	.1287	.1338	.1330	.1349	.1343	.1296	.1368	.1396
250.		.1531	.1379	.1365	.1355	.1347	.1454	.1501	.1501	.1519	.1482	.1475	.1559	.1585
260.			.1915	.1930	.1905	.1875	.2043	.2054	.2053	.2129	.2090	.2055	.2063	.2086
270.	.2976	.2979	.3038	.3037	.2969	.3009	.3052	.3097	.3135	.3084	.3078	.3061	.3061	.3086
280.			.1315	.1274	.1253	.1219	.1329	.1344	.1364	.1330	.1340	.1332	.1341	.1344
290.		.0988	.0865	.0829	.0805	.0801	.0835	.0910	.0897	.0884	.0869	.0860	.0907	.0901
300.				.0742	.0711	.0687	.0736	.0780	.0755	.0792	.0764	.0755	.0847	.0798
310.	.0884	.0775	.0699	.0685	.0669	.0763	.0725	.0789	.0764	.0780	.0750	.0750	.0777	.0809
330.			.0661	.0668	.0674	.0701	.0735	.0753	.0752	.0721	.0741	.0732	.0724	.0793

TABLE V. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.50 DEG								
0.	.0975	.0933	.0949	.0960	.0839	.0859	.0871	.0865	.0871	.0862	.0922	.0973	.0992	0.
30.	.0976	.0912	.0942	.0935	.0872	.0848	.0847	.0852	.0863	.0856	.0907	.0921	.0932	30.
50.	.0990	.0915	.0920	.0922	.0844	.0859	.0862	.0871	.0857	.0847	.0832	.0892	.0936	50.
60.	.0958	.0924	.0926	.0903	.0869	.0880	.0864	.0884	.0859	.0868	.0851	.0860	.0899	60.
70.	.0961	.0952	.0942	.0953	.0938	.0911	.0942	.0917	.0893	.0889	.0863	.0941	.0955	70.
80.	.1136	.1080	.1038	.1025	.1119	.0999	.1015	.1001	.0980	.1011	.1035	.1046	.1050	80.
90.	.1372	.1347	.1377	.1359	.1359	.1326	.1325	.1333	.1338	.1329	.1289	.1324	.1284	90.
100.	.1076	.0994	.0951	.0925	.1012	.0952	.0979	.1017	.0950	.0955	.0935	.0961	.0963	100.
110.	.0857	.0869	.0881	.0873	.0844	.0915	.0908	.0905	.0856	.0852	.0847	.0897	.0876	110.
120.	.0828	.0811	.0843	.0809	.0880	.0875	.0862	.0877	.0856	.0850	.0840	.0870	.0875	120.
130.	.0882	.0792	.0810	.0813	.0831	.0856	.0886	.0871	.0849	.0854	.0816	.0887	.0904	130.
150.	.0857	.0815	.0837	.0813	.0833	.0821	.0847	.0840	.0860	.0841	.0895	.0916	.0939	150.
180.	.0862	.0821	.0854	.0851	.0788	.0796	.0810	.0794	.0781	.0782	.0850	.0881	.0909	180.
210.	.0893	.0845	.0860	.0852	.0804	.0796	.0781	.0796	.0799	.0799	.0834	.0886	.0923	210.
230.	.0981	.0927	.0905	.0914	.0842	.0865	.0841	.0852	.0854	.0886	.0838	.0912	.0929	230.
240.	.0969	.0940	.0971	.0983	.0923	.0943	.0894	.0929	.0894	.0914	.0908	.0922	.0944	240.
250.	.1133	.1179	.1119	.1111	.1110	.1083	.1087	.1119	.1059	.1046	.1064	.1135	.1141	250.
260.	.1708	.1718	.1586	.1596	.1688	.1497	.1541	.1566	.1492	.1556	.1588	.1606	.1633	260.
270.	.3124	.3094	.3090	.3075	.3074	.3005	.3011	.3023	.3005	.3041	.3005	.3064	.2988	270.
280.	.1759	.1830	.1750	.1666	.1797	.1638	.1637	.1694	.1639	.1629	.1693	.1695	.1727	280.
290.	.1266	.1299	.1268	.1262	.1248	.1205	.1243	.1259	.1186	.1205	.1192	.1235	.1276	290.
300.	.1079	.1071	.1097	.1098	.1010	.1080	.1080	.1057	.1036	.1044	.1020	.1056	.1093	300.
310.	.1077	.1032	.1012	.1033	.0965	.0984	.0996	.1009	.0988	.1006	.0980	.1046	.1050	310.
330.	.0999	.0942	.0941	.0973	.0913	.0902	.0898	.0901	.0890	.0920	.0999	.1002	.1054	330.
						FOR ALPHA = .50 DEG								
0.	.0845	.0810	.0820	.0826	.0725	.0733	.0756	.0730	.0740	.0739	.0785	.0845	.0866	0.
30.	.0857	.0795	.0828	.0801	.0731	.0729	.0713	.0749	.0735	.0735	.0786	.0803	.0806	30.
50.	.0865	.0791	.0800	.0793	.0723	.0736	.0746	.0758	.0734	.0730	.0713	.0776	.0797	50.
60.	.0820	.0807	.0793	.0793	.0743	.0761	.0751	.0770	.0741	.0755	.0724	.0744	.0783	60.
70.	.0843	.0834	.0824	.0835	.0813	.0792	.0816	.0797	.0759	.0778	.0751	.0831	.0823	70.
80.	.0998	.0944	.0914	.0895	.0976	.0868	.0872	.0878	.0853	.0882	.0890	.0912	.0903	80.
90.	.1375	.1335	.1371	.1359	.1345	.1317	.1326	.1313	.1329	.1335	.1291	.1326	.1280	90.
100.	.1183	.1122	.1083	.1076	.1151	.1097	.1083	.1112	.1096	.1064	.1102	.1085	.1109	100.
110.	.0987	.0994	.0977	.0991	.0974	.0999	.1022	.1012	.0992	.0974	.0962	.1032	.1015	110.
120.	.0944	.0935	.0946	.0929	.0965	.0983	.0972	.1019	.0968	.0976	.0937	.0981	.1011	120.
130.	.0976	.0924	.0913	.0940	.0942	.0976	.0981	.0986	.0970	.0938	.0920	.1002	.1049	130.
150.	.0979	.0934	.0949	.0941	.0940	.0943	.0948	.0961	.0966	.0955	.1008	.1071	.1063	150.
180.	.1004	.0943	.0971	.0996	.0899	.0921	.0920	.0904	.0919	.0914	.0971	.1027	.1047	180.
210.	.1043	.0967	.0998	.0991	.0940	.0949	.0926	.0921	.0941	.0925	.0983	.1033	.1080	210.
230.	.1145	.1069	.1045	.1033	.0997	.1012	.1002	.1034	.0999	.1038	.1003	.1048	.1092	230.
240.	.1143	.1140	.1143	.1147	.1087	.1098	.1064	.1085	.1063	.1092	.1054	.1086	.1163	240.
250.	.1336	.1360	.1316	.1358	.1296	.1257	.1283	.1263	.1245	.1263	.1233	.1332	.1334	250.
260.	.1913	.1912	.1812	.1795	.1906	.1730	.1721	.1758	.1780	.1768	.1770	.1789	.1776	260.
270.	.3122	.3082	.3093	.3053	.3053	.2997	.3034	.3023	.2994	.3026	.3008	.3073	.2994	270.
280.	.1578	.1605	.1536	.1507	.1586	.1392	.1474	.1461	.1396	.1455	.1470	.1498	.1495	280.
290.	.1059	.1119	.1061	.1092	.1089	.1014	.1068	.1067	.1000	.1000	.1028	.1078	.1078	290.
300.	.0916	.0925	.0973	.0926	.0877	.0921	.0910	.0917	.0876	.0866	.0885	.0883	.0907	300.
310.	.0948	.0889	.0881	.0876	.0816	.0851	.0828	.0864	.0860	.0836	.0828	.0884	.0890	310.
330.	.0858	.0825	.0839	.0843	.0781	.0791	.0798	.0754	.0771	.0782	.0841	.0876	.0909	330.
						FOR ALPHA = 1.50 DEG								
0.	.0725	.0694	.0710	.0719	.0611	.0639	.0640	.0625	.0638	.0630	.0682	.0728	.0749	0.
30.	.0733	.0683	.0696	.0693	.0628	.0614	.0600	.0626	.0628	.0625	.0669	.0676	.0716	30.
50.	.0744	.0697	.0676	.0687	.0615	.0632	.0625	.0636	.0632	.0631	.0593	.0652	.0706	50.
60.	.0715	.0695	.0676	.0669	.0638	.0659	.0642	.0654	.0656	.0643	.0613	.0638	.0670	60.
70.	.0730	.0726	.0695	.0706	.0704	.0692	.0689	.0674	.0664	.0651	.0636	.0700	.0712	70.
80.	.0874	.0819	.0777	.0749	.0867	.0737	.0737	.0754	.0721	.0730	.0763	.0765	.0777	80.
90.	.1350	.1307	.1323	.1327	.1316	.1298	.1301	.1290	.1298	.1305	.1262	.1300	.1252	90.
100.	.1311	.1256	.1223	.1180	.1299	.1222	.1226	.1230	.1207	.1203	.1223	.1232	.1217	100.
110.	.1104	.1126	.1143	.1120	.1107	.1145	.1149	.1125	.1119	.1092	.1091	.1167	.1137	110.
120.	.1086	.1086	.1074	.1058	.1097	.1108	.1113	.1116	.1109	.1085	.1071	.1087	.1124	120.
130.	.1121	.1033	.1044	.1045	.1065	.1113	.1134	.1117	.1102	.1076	.1047	.1105	.1176	130.
150.	.1116	.1061	.1089	.1060	.1078	.1092	.1072	.1087	.1085	.1078	.1164	.1162	.1202	150.
180.	.1137	.1091	.1101	.1119	.1036	.1040	.1055	.1039	.1043	.1041	.1117	.1148	.1182	180.
210.	.1184	.1123	.1137	.1147	.1082	.1070	.1063	.1059	.1058	.1038	.1133	.1159	.1197	210.
230.	.1275	.1203	.1214	.1226	.1170	.1151	.1169	.1161	.1173	.1152	.1144	.1209	.1228	230.
240.	.1314	.1292	.1320	.1302	.1254	.1250	.1262	.1258	.1204	.1230	.1212	.1213	.1281	240.
250.	.1554	.1529	.1523	.1499	.1528	.1420	.1486	.1493	.1434	.1432	.1413	.1477	.1512	250.
260.	.2116	.2078	.2069	.2023	.2104	.1934	.1950	.1951	.1932	.1959	.1969	.2030	.2058	260.
270.	.3089	.3032	.3069	.3070	.3068	.2986	.3000	.3014	.2980	.3022	.3010	.3057	.2986	270.
280.	.1352	.1367	.1365	.1315	.1398	.1201	.1278	.1261	.1238	.1274	.1294	.1308	.1314	280.
290.	.0901	.0916	.0919	.0929	.0899	.0842	.0894	.0875	.0839	.0845	.0865	.0936	.0882	290.
300.	.0755	.0761	.0799	.0785	.0721	.0742	.0779	.0775	.0742	.0745	.0768	.0764	.0804	300.
310.	.0816	.0766	.0755	.0749	.0696	.0702	.0720	.0735	.0710	.0712	.0703	.0740	.0779	310.
330.	.0740	.0700	.0735	.0696	.0661	.0660	.0658	.0651	.0666	.0656	.0757	.0770	.0809	330.

TABLE V. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG, CONTINUED

THETA, DEG	.0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							CP AT X/L =							
							FOR ALPHA = 2.50 DEG							
0.	.0718	.0634		.0511	.0557	.0568	.0617	.0627	.2068	.0680	.0583	.0635	.0646	.0619
30.			.0515	.0529	.0521	.0586	.0612	.0635	.0612	.0621	.0655	.0644	.0603	.0672
50.	.0705	.0691	.0537	.0543	.0522	.0680	.0617	.0649	.0637	.0631	.0653	.0606	.0634	.0686
60.				.0543	.0534	.0561	.0618	.0645	.0626	.0651	.0634	.0588	.0668	.0677
70.		.0685	.0554	.0547	.0525	.0529	.0615	.0646	.0653	.0645	.0619	.0605	.0656	.0667
80.			.0635	.0616	.0562	.0573	.0667	.0667	.0682	.0701	.0668	.0650	.0670	.0661
90.	.1306	.1276	.1270	.1243	.1201	.1237	.1274	.1278	.1296	.1278	.1253	.1231	.1242	.1272
100.			.1309	.1287	.1268	.1267	.1380	.1355	.1387	.1392	.1345	.1308	.1380	.1362
110.		.1356	.1169	.1209	.1206	.1202	.1245	.1278	.1266	.1275	.1248	.1236	.1281	.1313
120.				.1129	.1174	.1187	.1218	.1220	.1227	.1255	.1247	.1170	.1306	.1301
130.	.1399	.1345	.1150	.1161	.1201	.1268	.1212	.1227	.1251	.1244	.1261	.1209	.1239	.1327
150.			.1118	.1164	.1228	.1218	.1234	.1224	.1202	.1212	.1291	.1255	.1238	.1313
180.	.1404	.1303		.1212	.1228	.1217	.1264	.1283	.2322	.1329	.1244	.1305	.1322	.1290
210.			.1217	.1244	.1216	.1246	.1313	.1345	.1342	.1333	.1360	.1338	.1327	.1397
230.	.1486	.1356	.1295	.1312	.1304	.1376	.1380	.1431	.1435	.1420	.1420	.1406	.1452	.1453
240.				.1406	.1363	.1359	.1445	.1505	.1499	.1532	.1524	.1480	.1591	.1563
250.		.1712	.1580	.1557	.1528	.1527	.1616	.1711	.1754	.1698	.1686	.1692	.1761	.1741
260.			.2118	.2129	.2084	.2085	.2223	.2285	.2305	.2318	.2241	.2234	.2248	.2292
270.	.2959	.2942	.3001	.3006	.2952	.2950	.3007	.3061	.3095	.3048	.3031	.3012	.3025	.3059
280.			.1052	.1048	.1043	.1005	.1123	.1103	.1105	.1133	.1093	.1142	.1117	.1158
290.		.0806	.0688	.0605	.0585	.0587	.0641	.0671	.0687	.0679	.0660	.0660	.0718	.0744
300.				.0540	.0520	.0544	.0599	.0604	.0618	.0632	.0616	.0586	.0650	.0651
310.	.0750	.0619	.0530	.0529	.0526	.0640	.0587	.0600	.0612	.0617	.0604	.0579	.0622	.0664
330.			.0525	.0532	.0548	.0564	.0591	.0615	.0612	.0612	.0634	.0604	.0622	.0673
							FOR ALPHA = 3.50 DEG							
0.	.0627	.0560		.0421	.0449	.0471	.0513	.0525	.1982	.0578	.0489	.0519	.0538	.0521
30.			.0436	.0458	.0434	.0482	.0540	.0536	.0520	.0516	.0569	.0520	.0513	.0565
50.	.0636	.0596	.0471	.0457	.0429	.0602	.0551	.0545	.0553	.0551	.0553	.0508	.0532	.0584
60.				.0453	.0446	.0464	.0545	.0525	.0538	.0550	.0537	.0495	.0557	.0568
70.		.0597	.0465	.0440	.0458	.0456	.0504	.0534	.0540	.0541	.0522	.0516	.0556	.0568
80.			.0538	.0460	.0457	.0436	.0522	.0528	.0513	.0558	.0551	.0519	.0527	.0530
90.	.1269	.1220	.1205	.1167	.1154	.1181	.1207	.1195	.1224	.1199	.1169	.1152	.1164	.1193
100.			.1439	.1439	.1404	.1379	.1468	.1519	.1490	.1514	.1460	.1428	.1502	.1489
110.		.1471	.1315	.1361	.1327	.1346	.1400	.1457	.1401	.1406	.1368	.1368	.1403	.1414
120.				.1284	.1328	.1344	.1377	.1389	.1370	.1394	.1366	.1343	.1421	.1446
130.	.1544	.1493	.1288	.1307	.1352	.1413	.1357	.1379	.1369	.1397	.1428	.1377	.1367	.1454
150.			.1296	.1328	.1345	.1363	.1383	.1377	.1350	.1386	.1460	.1417	.1376	.1464
180.	.1558	.1453		.1345	.1392	.1376	.1418	.1438	.2286	.1481	.1390	.1466	.1459	.1461
210.			.1355	.1383	.1393	.1412	.1445	.1489	.1479	.1511	.1525	.1509	.1467	.1546
230.	.1645	.1536	.1467	.1486	.1466	.1532	.1528	.1577	.1589	.1624	.1618	.1598	.1626	.1645
240.				.1581	.1525	.1552	.1612	.1673	.1649	.1707	.1698	.1647	.1732	.1768
250.		.1869	.1787	.1736	.1707	.1741	.1829	.1903	.1936	.1906	.1861	.1898	.1951	.1966
260.			.2299	.2295	.2222	.2247	.2408	.2427	.2437	.2535	.2482	.2477	.2454	.2491
270.	.2918	.2899	.2981	.2941	.2865	.2925	.2975	.2992	.3045	.3017	.2984	.2999	.2980	.3022
280.			.0878	.0839	.0784	.0819	.0915	.0889	.0891	.0917	.0891	.0900	.0930	.0866
290.		.0670	.0535	.0424	.0405	.0432	.0470	.0498	.0499	.0482	.0472	.0460	.0522	.0547
300.				.0409	.0386	.0399	.0448	.0455	.0422	.0469	.0467	.0425	.0494	.0505
310.	.0630	.0514	.0400	.0425	.0348	.0503	.0462	.0453	.0454	.0478	.0473	.0455	.0490	.0534
330.			.0416	.0436	.0432	.0450	.0480	.0510	.0494	.0489	.0515	.0492	.0478	.0556
							FOR ALPHA = 5.50 DEG							
0.	.0440	.0344		.0247	.0263	.0255	.0287	.0297	.0834	.0401	.0296	.0338	.0359	.0328
30.			.0249	.0281	.0271	.0276	.0315	.0341	.0332	.0328	.0358	.0352	.0323	.0361
50.	.0442	.0385	.0288	.0277	.0261	.0382	.0337	.0357	.0368	.0353	.0357	.0315	.0344	.0383
60.				.0264	.0235	.0272	.0311	.0360	.0347	.0340	.0336	.0288	.0350	.0359
70.		.0383	.0268	.0220	.0223	.0220	.0258	.0294	.0317	.0303	.0288	.0277	.0319	.0332
80.			.0234	.0211	.0167	.0131	.0186	.0160	.0156	.0189	.0195	.0177	.0187	.0211
90.	.1086	.1020	.1050	.0957	.0979	.0982	.1001	.0972	.0996	.0980	.0952	.0940	.0922	.0948
100.			.1721	.1680	.1652	.1614	.1716	.1753	.1720	.1720	.1678	.1687	.1700	.1710
110.		.1770	.1667	.1630	.1623	.1605	.1695	.1715	.1720	.1689	.1652	.1660	.1702	.1716
120.				.1613	.1644	.1614	.1700	.1692	.1682	.1692	.1679	.1650	.1710	.1752
130.	.1850	.1785	.1605	.1622	.1638	.1692	.1699	.1688	.1682	.1682	.1747	.1658	.1697	.1751
150.			.1617	.1675	.1669	.1670	.1720	.1704	.1693	.1678	.1805	.1754	.1698	.1766
180.	.1884	.1803		.1690	.1726	.1695	.1763	.1751	.2176	.1792	.1750	.1800	.1795	.1773
210.			.1687	.1728	.1740	.1753	.1801	.1818	.1817	.1814	.1894	.1871	.1834	.1890
230.	.2005	.1920	.1783	.1829	.1843	.1888	.1915	.1945	.1951	.1976	.2014	.1965	.1976	.2026
240.				.1953	.1913	.1888	.2022	.2064	.2046	.2076	.2091	.2025	.2146	.2143
250.		.2276	.2152	.2149	.2118	.2137	.2262	.2309	.2303	.2314	.2279	.2283	.2352	.2382
260.			.2685	.2729	.2658	.2624	.2824	.2836	.2855	.2913	.2825	.2821	.2843	.2920
270.	.2928	.3134	.3086	.3017	.3061	.3070	.3151	.3237	.3195	.3199	.3210	.3174	.3115	.3192
280.														
290.														
300.														
310.														
330.														

TABLE V. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.	.0606	.0570	.0590	.0604	.0509	.0520	.0536	.0515	.0521	.0512	.0574	.0601	.0638	0.
30.	.0631	.0581	.0601	.0592	.0523	.0519	.0524	.0517	.0524	.0499	.0569	.0569	.0591	30.
50.	.0646	.0582	.0581	.0569	.0516	.0532	.0544	.0535	.0534	.0520	.0507	.0544	.0606	50.
60.	.0606	.0591	.0591	.0559	.0532	.0534	.0549	.0554	.0532	.0536	.0517	.0535	.0573	60.
70.	.0627	.0613	.0604	.0593	.0593	.0570	.0593	.0556	.0554	.0547	.0534	.0595	.0598	70.
80.	.0738	.0654	.0649	.0623	.0699	.0599	.0610	.0623	.0594	.0602	.0607	.0619	.0595	80.
90.	.1293	.1243	.1285	.1253	.1283	.1256	.1249	.1246	.1257	.1236	.1210	.1252	.1212	90.
100.	.1440	.1386	.1340	.1322	.1451	.1343	.1354	.1338	.1339	.1333	.1376	.1373	.1379	100.
110.	.1276	.1260	.1249	.1249	.1235	.1278	.1278	.1266	.1265	.1248	.1210	.1324	.1305	110.
120.	.1213	.1195	.1238	.1191	.1245	.1244	.1239	.1272	.1244	.1222	.1209	.1217	.1280	120.
130.	.1257	.1177	.1184	.1215	.1228	.1248	.1246	.1238	.1232	.1221	.1179	.1253	.1321	130.
150.	.1277	.1194	.1245	.1221	.1208	.1206	.1243	.1223	.1233	.1223	.1302	.1334	.1342	150.
180.	.1279	.1244	.1272	.1279	.1178	.1194	.1198	.1181	.1179	.1189	.1257	.1298	.1330	180.
210.	.1336	.1286	.1327	.1295	.1209	.1215	.1194	.1223	.1201	.1196	.1270	.1289	.1341	210.
230.	.1437	.1372	.1374	.1361	.1290	.1314	.1350	.1345	.1336	.1305	.1287	.1348	.1411	230.
240.	.1453	.1457	.1465	.1476	.1410	.1423	.1433	.1404	.1370	.1374	.1389	.1427	.1436	240.
250.	.1714	.1734	.1747	.1713	.1722	.1620	.1672	.1649	.1620	.1595	.1606	.1711	.1685	250.
260.	.2316	.2272	.2287	.2185	.2308	.2115	.2177	.2203	.2099	.2142	.2201	.2215	.2193	260.
270.	.3074	.3029	.3036	.3018	.3006	.2950	.2988	.2973	.2942	.2940	.2952	.3015	.2959	270.
280.	.1167	.1151	.1092	.1080	.1149	.0981	.0971	.1028	.0997	.1034	.1037	.1093	.1113	280.
290.	.0707	.0725	.0724	.0727	.0746	.0705	.0700	.0716	.0668	.0678	.0655	.0709	.0700	290.
300.	.0596	.0631	.0644	.0639	.0578	.0590	.0589	.0613	.0576	.0588	.0563	.0588	.0627	300.
310.	.0663	.0623	.0618	.0628	.0552	.0557	.0574	.0580	.0594	.0597	.0554	.0614	.0645	310.
330.	.0631	.0571	.0592	.0582	.0532	.0563	.0537	.0540	.0553	.0536	.0594	.0629	.0663	330.
						FOR ALPHA = 3.50 DEG								
0.	.0506	.0467	.0485	.0499	.0410	.0424	.0436	.0419	.0421	.0415	.0470	.0499	.0525	0.
30.	.0531	.0484	.0493	.0487	.0439	.0428	.0421	.0420	.0419	.0414	.0460	.0485	.0515	30.
50.	.0550	.0498	.0489	.0485	.0419	.0447	.0445	.0446	.0439	.0438	.0382	.0450	.0498	50.
60.	.0514	.0494	.0487	.0461	.0451	.0453	.0442	.0469	.0450	.0427	.0411	.0427	.0469	60.
70.	.0508	.0506	.0484	.0479	.0475	.0481	.0447	.0451	.0433	.0426	.0421	.0461	.0468	70.
80.	.0624	.0541	.0489	.0499	.0572	.0452	.0457	.0472	.0444	.0442	.0457	.0455	.0450	80.
90.	.1209	.1185	.1184	.1179	.1176	.1152	.1158	.1153	.1156	.1147	.1119	.1158	.1135	90.
100.	.1554	.1486	.1462	.1421	.1578	.1467	.1499	.1442	.1443	.1443	.1466	.1482	.1477	100.
110.	.1402	.1395	.1391	.1390	.1394	.1422	.1428	.1393	.1385	.1354	.1362	.1439	.1452	110.
120.	.1358	.1352	.1389	.1337	.1385	.1373	.1378	.1375	.1382	.1377	.1360	.1338	.1406	120.
130.	.1397	.1327	.1321	.1327	.1356	.1382	.1379	.1373	.1388	.1371	.1321	.1387	.1461	130.
150.	.1414	.1380	.1386	.1375	.1348	.1354	.1392	.1365	.1384	.1358	.1453	.1449	.1502	150.
180.	.1449	.1417	.1429	.1434	.1315	.1351	.1335	.1317	.1331	.1320	.1409	.1445	.1505	180.
210.	.1490	.1434	.1438	.1476	.1382	.1383	.1362	.1377	.1347	.1337	.1413	.1441	.1526	210.
230.	.1597	.1543	.1535	.1553	.1478	.1487	.1517	.1501	.1533	.1470	.1447	.1488	.1565	230.
240.	.1655	.1651	.1654	.1649	.1581	.1603	.1595	.1582	.1583	.1569	.1564	.1596	.1625	240.
250.	.1927	.1932	.1923	.1879	.1953	.1822	.1869	.1813	.1795	.1774	.1766	.1844	.1894	250.
260.	.2506	.2476	.2431	.2379	.2568	.2353	.2368	.2368	.2312	.2315	.2383	.2411	.2454	260.
270.	.3046	.2968	.2977	.2953	.2992	.2901	.2909	.2921	.2892	.2910	.2916	.2958	.2905	270.
280.	.0956	.0962	.0875	.0838	.0919	.0768	.0792	.0767	.0756	.0786	.0802	.0849	.0870	280.
290.	.0535	.0544	.0557	.0537	.0547	.0527	.0539	.0498	.0487	.0508	.0481	.0524	.0525	290.
300.	.0460	.0480	.0513	.0426	.0431	.0458	.0445	.0451	.0429	.0450	.0442	.0439	.0474	300.
310.	.0527	.0493	.0487	.0487	.0434	.0437	.0464	.0455	.0455	.0470	.0436	.0453	.0508	310.
330.	.0523	.0455	.0482	.0479	.0436	.0444	.0445	.0384	.0440	.0434	.0473	.0506	.0546	330.
						FOR ALPHA = 5.50 DEG								
0.	.0315	.0276	.0296	.0297	.0214	.0225	.0236	.0218	.0206	.0197	.0240	.0288	.0311	0.
30.	.0338	.0290	.0300	.0289	.0248	.0235	.0223	.0235	.0236	.0222	.0272	.0303	.0324	30.
50.	.0348	.0300	.0288	.0285	.0240	.0246	.0254	.0266	.0259	.0240	.0231	.0269	.0306	50.
60.	.0309	.0284	.0277	.0266	.0255	.0248	.0247	.0269	.0244	.0239	.0225	.0244	.0273	60.
70.	.0284	.0263	.0249	.0255	.0254	.0237	.0245	.0228	.0200	.0207	.0193	.0236	.0237	70.
80.	.0315	.0206	.0168	.0168	.0219	.0135	.0133	.0150	.0108	.0083	.0091	.0112	.0114	80.
90.	.0962	.0930	.0960	.0935	.0925	.0914	.0900	.0914	.0880	.0902	.0862	.0913	.0894	90.
100.	.1778	.1767	.1682	.1645	.1796	.1707	.1701	.1698	.1667	.1695	.1717	.1728	.1719	100.
110.	.1689	.1701	.1684	.1694	.1655	.1734	.1721	.1682	.1668	.1667	.1653	.1714	.1737	110.
120.	.1643	.1691	.1667	.1640	.1665	.1713	.1667	.1662	.1647	.1696	.1636	.1662	.1693	120.
130.	.1708	.1641	.1647	.1655	.1650	.1697	.1686	.1700	.1663	.1707	.1639	.1698	.1755	130.
150.	.1740	.1717	.1708	.1717	.1644	.1703	.1669	.1679	.1685	.1721	.1764	.1759	.1787	150.
180.	.1797	.1735	.1762	.1761	.1642	.1661	.1669	.1648	.1650	.1666	.1745	.1804	.1814	180.
210.	.1853	.1781	.1808	.1819	.1687	.1711	.1698	.1734	.1687	.1700	.1768	.1794	.1870	210.
230.	.1982	.1876	.1899	.1929	.1815	.1855	.1882	.1881	.1848	.1874	.1833	.1878	.1932	230.
240.	.1984	.2010	.2032	.2052	.1945	.2005	.1981	.1971	.1956	.1988	.1955	.1945	.2009	240.
250.	.2309	.2336	.2304	.2292	.2294	.2274	.2293	.2234	.2177	.2192	.2179	.2282	.2299	250.
260.	.2895	.2893	.2838	.2780	.2985	.2781	.2779	.2736	.2720	.2736	.2771	.2802	.2858	260.
270.	.3241	.3167	.3176	.3137	.3105	.3032	.3028	.3051	.3016	.3077	.3011	.3058	.3064	270.
280.														280.
290.														290.
300.														300.
310.														310.
330.														330.

TABLE V. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 10.51 DEG								
0.	-.0048	-.0122		-.0240	-.0197	-.0207	-.0146	-.0101	.0106	.0040	-.0077	-.0045	-.0021	-.0045
30.			-.0136	-.0085	-.0082	-.0109	-.0066	-.0051	-.0070	-.0067	-.0012	-.0041	-.0051	-.0004
50.	.0008	-.0043	-.0093	-.0093	-.0095	.0029	-.0052	-.0050	-.0049	-.0055	-.0033	-.0074	-.0055	-.0028
60.				-.0310	-.0279	-.0196	-.0110	-.0101	-.0080	-.0061	-.0076	-.0140	-.0080	-.0076
70.		-.0241	-.0389	-.0392	-.0555	-.0613	-.0600	-.0586	-.0582	-.0575	-.0536	-.0526	-.0475	-.0426
80.			-.0451	-.0538	-.0605	-.0622	-.0652	-.0672	-.0674	-.0701	-.0735	-.0752	-.0754	-.0756
90.	.0606	.0444	.0502	.0333	.0383	.0416	.0440	.0380	.0403	.0354	.0349	.0302	.0315	.0308
100.			.2384	.2341	.2304	.2231	.2319	.2358	.2321	.2273	.2258	.2257	.2310	.2333
110.		.2620	.2437	.2474	.2461	.2419	.2514	.2528	.2549	.2514	.2477	.2442	.2582	.2590
120.				.2506	.2507	.2489	.2564	.2549	.2595	.2619	.2591	.2499	.2641	.2618
130.	.2751	.2683	.2516	.2591	.2549	.2554	.2614	.2610	.2616	.2612	.2687	.2547	.2616	.2691
150.			.2528	.2667	.2640	.2587	.2670	.2656	.2660	.2647	.2756	.2686	.2681	.2766
180.	.2895	.2761		.2694	.2666	.2693	.2742	.2745	.1869	.2748	.2729	.2816	.2797	.2761
210.			.2662	.2735	.2723	.2771	.2839	.2820	.2820	.2828	.2915	.2854	.2866	.2896
230.	.3012	.2906	.2865	.2786	.2818	.2888	.2981	.3023	.2997	.2995	.3052	.3018	.3074	.3100
240.				.2936	.2909	.2943	.3131	.3122	.3149	.3108	.3143	.3108	.3233	.3205
250.		.3285	.3230	.3218	.3137	.3166	.3371	.3436	.3444	.3397	.3410	.3385	.3496	.3502
260.			.3714	.3604	.3656	.3571	.3830	.3870	.3863	.3896	.3871	.3826	.3865	.3887
270.	.2779	.3042	.2983	.2665	.2911	.2895	.3023	.3077	.3037	.3027	.3027	.2965	.2925	.3015
280.														
290.														
300.														
310.														
330.														
						FOR ALPHA = 15.50 DEG								
0.	-.0540	-.0479		-.0506	-.0375	-.0399	-.0350	-.0351	.0628	-.0248	-.0406	-.0370	-.0345	-.0359
30.			-.0459	-.0372	-.0379	-.0386	-.0376	-.0362	-.0374	-.0380	-.0355	-.0366	-.0373	-.0325
50.	-.0355	-.0375	-.0548	-.0431	-.0377	-.0216	-.0387	-.0379	-.0385	-.0378	-.0367	-.0404	-.0379	-.0337
60.				-.1092	-.1110	-.1024	-.1004	-.1055	-.1034	-.1033	-.1068	-.1085	-.1015	-.0990
70.		-.0975	-.1122	-.1136	-.1286	-.1306	-.1309	-.1294	-.1302	-.1313	-.1332	-.1332	-.1324	-.1294
80.			-.1035	-.1101	-.1135	-.1184	-.1218	-.1230	-.1236	-.1238	-.1251	-.1246	-.1241	-.1223
90.	.0229	.0042	.0122	-.0105	-.0044	-.0021	.0022	-.0013	-.0009	-.0040	-.0053	-.0061	-.0059	-.0059
100.			.3161	.3100	.3002	.2942	.3033	.3064	.2994	.2975	.2972	.2939	.2939	.3009
110.		.3613	.3462	.3513	.3460	.3412	.3473	.3620	.3516	.3543	.3511	.3487	.3536	.3572
120.				.3641	.3572	.3566	.3654	.3677	.3659	.3742	.3694	.3639	.3718	.3708
130.	.3892	.3792	.3718	.3694	.3639	.3690	.3758	.3774	.3762	.3778	.3828	.3784	.3764	.3894
150.			.3811	.3800	.3804	.3731	.3847	.3887	.3817	.3835	.3978	.3923	.3825	.3976
180.	.4081	.3925		.3822	.3814	.3877	.3938	.3969	.1589	.3984	.3929	.4055	.4013	.3956
210.			.3959	.3855	.3851	.3931	.4042	.4072	.4057	.4044	.4095	.4065	.4038	.4096
230.	.4156	.4059	.4097	.4018	.3987	.4145	.4213	.4294	.4223	.4208	.4271	.4206	.4242	.4357
240.				.4177	.4134	.4174	.4318	.4356	.4341	.4311	.4379	.4317	.4449	.4437
250.		.4470	.4281	.4442	.4329	.4364	.4567	.4610	.4585	.4587	.4608	.4576	.4631	.4719
260.			.4673	.4613	.4619	.4520	.4859	.4856	.4832	.4835	.4829	.4755	.4915	.4876
270.	.2319	.2096	.2192	.1944	.2123	.2184	.2279	.2223	.2225	.2195	.2151	.2084	.2114	.2105
280.			-.1212	-.1170	-.1177	-.1201	-.1150	-.1159	-.1133	-.1107	-.1137	-.1130	-.1119	-.1075
290.		-.0927	-.1098	-.1153	-.1192	-.1248	-.1233	-.1238	-.1236	-.1228	-.1243	-.1237	-.1224	-.1186
300.				-.1102	-.1175	-.1208	-.1184	-.1213	-.1213	-.1193	-.1212	-.1219	-.1206	-.1174
310.	-.0785	-.0884	-.1011	-.1008	-.1223	-.1012	-.1201	-.1165	-.1173	-.1197	-.1211	-.1210	-.1189	-.1176
330.			-.1081	-.1140	-.0939	-.0694	-.0623	-.0519	-.0540	-.0614	-.0629	-.0724	-.0743	-.0699
						FOR ALPHA = 20.50 DEG								
0.	-.0964	-.0944		-.1024	-.0868	-.0814	-.0763	-.0777	.0293	-.0649	-.0828	-.0804	-.0780	-.0788
30.			-.0730	-.0635	-.0669	-.0679	-.0698	-.0695	-.0697	-.0692	-.0655	-.0648	-.0648	-.0629
50.	-.0775	-.0901	-.1143	-.0930	-.1041	-.0813	-.0986	-.0992	-.0982	-.1005	-.0982	-.1014	-.0993	-.0990
60.				-.1611	-.1647	-.1683	-.1700	-.1696	-.1691	-.1686	-.1691	-.1691	-.1677	-.1660
70.		-.1390	-.1428	-.1545	-.1585	-.1617	-.1645	-.1647	-.1637	-.1627	-.1645	-.1638	-.1624	-.1596
80.			-.1425	-.1466	-.1497	-.1528	-.1520	-.1515	-.1512	-.1520	-.1535	-.1530	-.1531	-.1509
90.	-.0050	-.0190	-.0114	-.0298	-.0308	-.0287	-.0256	-.0255	-.0266	-.0268	-.0255	-.0283	-.0306	-.0305
100.			.3922	.3921	.3811	.3736	.3867	.3821	.3741	.3736	.3696	.3729	.3759	.3774
110.		.4718	.4592	.4603	.4591	.4579	.4710	.4705	.4638	.4671	.4656	.4608	.4719	.4709
120.				.4812	.4834	.4846	.4973	.4954	.4924	.4964	.4991	.4849	.5043	.5030
130.	.5174	.5129	.5039	.4952	.4920	.4958	.5118	.5090	.5088	.5143	.5213	.5023	.5086	.5216
150.			.5190	.5182	.5086	.5106	.5198	.5211	.5229	.5233	.5402	.5306	.5176	.5329
180.	.5523	.5363		.5213	.5148	.5259	.5321	.5352	.1300	.5363	.5324	.5428	.5387	.5389
210.			.5379	.5199	.5208	.5348	.5418	.5450	.5444	.5378	.5539	.5417	.5316	.5524
230.	.5651	.5551	.5459	.5395	.5399	.5472	.5586	.5644	.5634	.5615	.5732	.5549	.5668	.5785
240.				.5472	.5486	.5481	.5756	.5742	.5659	.5704	.5729	.5633	.5819	.5809
250.		.5837	.5665	.5662	.5632	.5634	.5977	.5939	.5918	.5909	.5899	.5863	.5934	.6033
260.			.5646	.5603	.5579	.5538	.5885	.5879	.5830	.5832	.5791	.5780	.5848	.5858
270.	.2029	.1753	.1876	.1533	.1710	.1824	.1964	.1905	.1859	.1808	.1732	.1669	.1703	.1699
280.			-.1519	-.1542	-.1562	-.1557	-.1520	-.1520	-.1506	-.1506	-.1513	-.1505	-.1489	-.1469
290.		-.1357	-.1505	-.1502	-.1519	-.1517	-.1544	-.1554	-.1557	-.1562	-.1566	-.1559	-.1544	-.1513
300.				-.1496	-.1503	-.1503	-.1538	-.1556	-.1566	-.1556	-.1558	-.1557	-.1553	-.1532
310.	-.1264	-.1356	-.1393	-.1468	-.1496	-.1243	-.1483	-.1487	-.1507	-.1524	-.1522	-.1528	-.1503	-.1498
330.			-.1505	-.1500	-.1606	-.1628	-.1644	-.1637	-.1625	-.1614	-.1605	-.1623	-.1619	-.1561

TABLE V. - CONTINUED

(H) MACH = 2.50, BETA = 5.03 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 10.51 DEG								
0.	-.0057	-.0110	-.0101	-.0095	-.0161	-.0158	-.0146	-.0162	-.0149	-.0169	-.0128	-.0119	-.0078	0.
30.	-.0057	-.0103	-.0082	-.0094	-.0128	-.0126	-.0120	-.0113	-.0072	-.0109	-.0070	-.0063	-.0033	30.
50.	-.0061	-.0108	-.0112	-.0100	-.0126	-.0100	-.0092	-.0094	-.0092	-.0101	-.0152	-.0093	-.0036	50.
60.	-.0143	-.0149	-.0142	-.0153	-.0142	-.0148	-.0158	-.0149	-.0162	-.0166	-.0207	-.0189	-.0156	60.
70.	-.0453	-.0439	-.0449	-.0478	-.0463	-.0428	-.0470	-.0433	-.0417	-.0432	-.0491	-.0437	-.0430	70.
80.	-.0569	-.0768	-.0790	-.0819	-.0800	-.0849	-.0853	-.0845	-.0875	-.0882	-.0898	-.0902	-.0902	80.
90.	.0350	.0328	.0316	.0277	.0261	.0235	.0244	.0241	.0206	.0206	.0197	.0226	.0214	90.
100.	.2377	.2349	.2289	.2242	.2409	.2287	.2292	.2295	.2260	.2261	.2264	.2315	.2292	100.
110.	.2503	.2524	.2503	.2535	.2497	.2522	.2517	.2513	.2491	.2470	.2434	.2545	.2493	110.
120.	.2573	.2552	.2571	.2549	.2521	.2580	.2558	.2557	.2509	.2543	.2471	.2518	.2566	120.
130.	.2674	.2555	.2609	.2622	.2554	.2610	.2580	.2599	.2574	.2558	.2481	.2626	.2693	130.
150.	.2725	.2636	.2708	.2655	.2613	.2605	.2627	.2644	.2584	.2635	.2727	.2713	.2724	150.
180.	.2780	.2708	.2768	.2755	.2628	.2634	.2666	.2646	.2628	.2641	.2698	.2762	.2807	180.
210.	.2867	.2806	.2831	.2815	.2769	.2754	.2692	.2706	.2650	.2686	.2805	.2792	.2871	210.
230.	.3073	.2925	.2989	.2986	.2902	.2954	.2914	.2917	.2910	.2903	.2802	.2949	.2957	230.
240.	.3141	.3122	.3095	.3100	.2991	.3079	.3065	.3030	.2982	.3039	.3003	.3041	.3079	240.
250.	.3440	.3459	.3371	.3391	.3387	.3378	.3310	.3355	.3236	.3230	.3251	.3368	.3376	250.
260.	.3857	.3899	.3868	.3762	.3932	.3761	.3789	.3808	.3750	.3774	.3788	.3855	.3816	260.
270.	.2980	.2967	.2909	.2906	.2861	.2758	.2776	.2772	.2760	.2803	.2763	.2785	.2862	270.
280.														280.
290.														290.
300.														300.
310.														310.
330.														330.
						FOR ALPHA = 15.50 DEG								
0.	-.0378	-.0391	-.0385	-.0361	-.0420	-.0404	-.0392	-.0382	-.0381	-.0409	-.0373	-.0338	-.0327	0.
30.	-.0360	-.0392	-.0369	-.0359	-.0392	-.0387	-.0388	-.0379	-.0335	-.0401	-.0348	-.0344	-.0325	30.
50.	-.0350	-.0387	-.0388	-.0378	-.0385	-.0370	-.0357	-.0351	-.0351	-.0382	-.0411	-.0374	-.0342	50.
60.	-.1045	-.1036	-.1019	-.1049	-.0987	-.1038	-.0997	-.1047	-.1018	-.1045	-.1075	-.1049	-.1034	60.
70.	-.1321	-.1334	-.1329	-.1336	-.1337	-.1334	-.1337	-.1347	-.1366	-.1379	-.1395	-.1384	-.1380	70.
80.	-.0984	-.1242	-.1236	-.1254	-.1239	-.1269	-.1276	-.1275	-.1287	-.1294	-.1297	-.1302	-.1296	80.
90.	-.0034	-.0068	-.0085	-.0092	-.0114	-.0154	-.0167	-.0163	-.0188	-.0173	-.0179	-.0180	-.0183	90.
100.	.3094	.3089	.2998	.2888	.3148	.2941	.3044	.2909	.2948	.2968	.2944	.2940	.2987	100.
110.	.3486	.3525	.3539	.3512	.3512	.3527	.3555	.3478	.3515	.3458	.3406	.3466	.3414	110.
120.	.3697	.3653	.3630	.3597	.3663	.3702	.3675	.3638	.3613	.3598	.3618	.3571	.3663	120.
130.	.3848	.3698	.3698	.3733	.3681	.3769	.3782	.3718	.3729	.3692	.3619	.3724	.3822	130.
150.	.3897	.3872	.3844	.3809	.3828	.3807	.3792	.3790	.3814	.3821	.3924	.3907	.3914	150.
180.	.3988	.3937	.3934	.3968	.3850	.3859	.3847	.3824	.3792	.3820	.3953	.3982	.4039	180.
210.	.4109	.4013	.4005	.4012	.3991	.3935	.3949	.3936	.3871	.3904	.4094	.4010	.4079	210.
230.	.4314	.4126	.4156	.4220	.4110	.4174	.4224	.4203	.4187	.4065	.4030	.4161	.4176	230.
240.	.4357	.4289	.4383	.4344	.4265	.4333	.4382	.4281	.4238	.4242	.4177	.4201	.4307	240.
250.	.4585	.4619	.4646	.4614	.4591	.4532	.4562	.4524	.4425	.4460	.4443	.4557	.4547	250.
260.	.4880	.4883	.4868	.4699	.4952	.4711	.4736	.4755	.4727	.4786	.4797	.4781	.4849	260.
270.	.2125	.2086	.2048	.2021	.1992	.1927	.1884	.1938	.1901	.2000	.1947	.1988	.1998	270.
280.	-.0908	-.1080	-.1117	-.1121	-.1127	-.1231	-.1241	-.1228	-.1227	-.1243	-.1244	-.1226	-.1212	280.
290.	-.1220	-.1237	-.1247	-.1250	-.1256	-.1270	-.1282	-.1294	-.1310	-.1347	-.1347	-.1356	-.1379	290.
300.	-.1212	-.1221	-.1218	-.1213	-.1156	-.1218	-.1223	-.1207	-.1207	-.1210	-.1238	-.1188	-.1159	300.
310.	-.1207	-.1194	-.1210	-.1171	-.1182	-.1170	-.1150	-.1129	-.1131	-.1139	-.1176	-.1109	-.1074	310.
330.	-.0784	-.0842	-.0844	-.0810	-.0852	-.0863	-.0895	-.0852	-.0826	-.0916	-.0892	-.0893	-.0878	330.
						FOR ALPHA = 20.50 DEG								
0.	-.0814	-.0828	-.0801	-.0799	-.0814	-.0790	-.0785	-.0771	-.0768	-.0782	-.0751	-.0724	-.0712	0.
30.	-.0674	-.0702	-.0693	-.0687	-.0687	-.0680	-.0686	-.0691	-.0629	-.0696	-.0658	-.0640	-.0641	30.
50.	-.1035	-.1038	-.1038	-.1054	-.1044	-.1021	-.1010	-.1020	-.1026	-.1063	-.1072	-.1036	-.1044	50.
60.	-.1697	-.1698	-.1707	-.1718	-.1605	-.1704	-.1720	-.1727	-.1738	-.1747	-.1757	-.1767	-.1774	60.
70.	-.1628	-.1653	-.1657	-.1660	-.1670	-.1666	-.1674	-.1670	-.1694	-.1694	-.1696	-.1700	-.1695	70.
80.	-.1227	-.1529	-.1530	-.1540	-.1538	-.1560	-.1562	-.1558	-.1565	-.1563	-.1564	-.1567	-.1570	80.
90.	-.0287	-.0305	-.0312	-.0338	-.0338	-.0386	-.0381	-.0360	-.0386	-.0402	-.0414	-.0422	-.0426	90.
100.	.3783	.3864	.3741	.3687	.3935	.3763	.3740	.3654	.3775	.3814	.3726	.3727	.3718	100.
110.	.4601	.4598	.4583	.4657	.4657	.4714	.4720	.4613	.4626	.4598	.4453	.4677	.4635	110.
120.	.4927	.4873	.4912	.4852	.4865	.4999	.4947	.4915	.4943	.4887	.4776	.4816	.4907	120.
130.	.5166	.4936	.5021	.5025	.4990	.5054	.5065	.5105	.5049	.5007	.4899	.5017	.5149	130.
150.	.5328	.5161	.5248	.5224	.5207	.5146	.5192	.5190	.5109	.5203	.5330	.5231	.5386	150.
180.	.5423	.5276	.5333	.5345	.5248	.5243	.5249	.5230	.5197	.5182	.5319	.5401	.5400	180.
210.	.5479	.5347	.5385	.5399	.5428	.5376	.5342	.5407	.5228	.5279	.5440	.5400	.5527	210.
230.	.5697	.5508	.5539	.5623	.5597	.5606	.5622	.5620	.5534	.5506	.5407	.5464	.5624	230.
240.	.5725	.5695	.5712	.5738	.5644	.5730	.5719	.5709	.5673	.5715	.5537	.5623	.5723	240.
250.	.5914	.5888	.5916	.5901	.5808	.5950	.5925	.5783	.5802	.5787	.5730	.5866	.5836	250.
260.	.5830	.5858	.5762	.5645	.5946	.5813	.5783	.5774	.5745	.5764	.5795	.5749	.5827	260.
270.	.1691	.1691	.1647	.1631	.1579	.1504	.1480	.1482	.1405	.1438	.1435	.1524	.1542	270.
280.	-.1244	-.1474	-.1498	-.1508	-.1512	-.1606	-.1611	-.1600	-.1612	-.1629	-.1626	-.1627	-.1625	280.
290.	-.1545	-.1557	-.1564	-.1571	-.1574	-.1564	-.1576	-.1577	-.1584	-.1607	-.1598	-.1606	-.1620	290.
300.	-.1566	-.1562	-.1556	-.1563	-.1466	-.1548	-.1560	-.1571	-.1575	-.1580	-.1592	-.1596	-.1601	300.
310.	-.1525	-.1485	-.1526	-.1524	-.1511	-.1508	-.1504	-.1498	-.1498	-.1513	-.1528	-.1529	-.1508	310.
330.	-.1613	-.1623	-.1629	-.1637	-.1632	-.1632	-.1631	-.1637	-.1525	-.1650	-.1636	-.1649	-.1666	330.

TABLE V. - CONTINUED

(I) MACH = 3.95, BETA = -.06 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.36 DEG								
0.	.1563	.1514	.1304	.1316	.1284	.1231	.1310	.1346	.1339	.1352	.1357	.1398	.1429	.1416
30.			.1286	.1451	.1265	.1294	.1353	.1362	.1361	.1371	.1407	.1403	.1397	.1432
50.	.1568	.1514	.1289	.1335	.1317	.1324	.1394	.1413	.1428	.1455	.1456	.1420	.1442	.1486
60.				.1361	.1393	.1419	.1444	.1469	.1475	.1500	.1507	.1455	.1533	.1557
70.		0.0000	.1529	.1535	.1545	.1570	.1592	.1624	.1645	.1688	.1614	.1601	.1671	.1687
80.			.1817	.1879	.1878	.2121	.1991	.1983	.1982	.2020	.1992	.1975	.1983	.1995
90.	.1988	.2026	.2003	.1931	.1945	.1983	.2015	.2009	.2038	.2028	.1998	.1995	.1980	.1998
100.			.0462	.0458	.0450	.0455	.0494	.0494	.0492	.0516	.0492	.0486	.0491	.0495
110.		0.0000	.0196	.0183	.0172	.0162	.0194	.0184	.0192	.0188	.0170	.0157	.0169	.0200
120.				.0148	.0114	.0129	.0171	.0161	.0155	.0168	.0138	.0122	.0142	.0152
130.	.0678	.0206	.0175	.0150	.0134	.0174	.0185	.0177	.0160	.0177	.0154	.0153	.0162	.0176
150.			.0169	.0421	.0161	.0170	.0181	.0188	.0183	.0193	.0180	.0179	.0172	.0188
180.	.0456	.0258	.0176	.0183	.0162	.0171	.0179	.0185	.0184	.0200	.0173	.0186	.0190	.0186
						FOR ALPHA = -3.35 DEG								
0.	.1247	.1200	.1033	.1030	.1016	.0980	.0986	.1013	.1036	.1071	.1072	.1103	.1123	.1108
30.			.1023	.1175	.1011	.0994	.1049	.1068	.1063	.1077	.1112	.1105	.1091	.1117
50.	.1264	.1204	.1028	.1049	.1034	.1045	.1099	.1112	.1118	.1149	.1139	.1111	.1127	.1160
60.				.1089	.1119	.1126	.1143	.1167	.1167	.1178	.1179	.1140	.1203	.1222
70.		0.0000	.1219	.1229	.1254	.1273	.1273	.1302	.1329	.1378	.1289	.1295	.1331	.1352
80.			.1514	.1568	.1586	.1866	.1684	.1680	.1676	.1700	.1682	.1669	.1672	.1681
90.	.2084	.2076	.2013	.1976	.1991	.2031	.2055	.2052	.2080	.2074	.2053	.2056	.2040	.2063
100.			.0605	.0694	.0701	.0699	.0748	.0738	.0744	.0759	.0747	.0750	.0745	.0751
110.		0.0000	.0353	.0398	.0378	.0390	.0418	.0406	.0421	.0412	.0394	.0392	.0414	.0431
120.				.0329	.0307	.0299	.0338	.0334	.0349	.0366	.0354	.0333	.0368	.0383
130.	.0893	.0364	.0347	.0303	.0305	.0317	.0338	.0337	.0345	.0361	.0356	.0341	.0351	.0363
150.			.0316	.0551	.0310	.0314	.0329	.0334	.0338	.0347	.0353	.0352	.0346	.0360
180.	.0628	.0418	.0325	.0324	.0303	.0301	.0318	.0329	.0335	.0345	.0337	.0353	.0363	.0356
						FOR ALPHA = -2.34 DEG								
0.	.1108	.1064	.0907	.0906	.0897	.0876	.0871	.0874	.0888	.0931	.0936	.0964	.0981	.0970
30.			.0900	.1063	.0890	.0877	.0921	.0932	.0932	.0947	.0971	.0964	.0953	.0980
50.	.1132	.1071	.0908	.0925	.0913	.0932	.0967	.0974	.0983	.1015	.0999	.0968	.0980	.1016
60.				.0960	.0989	.1001	.1010	.1028	.1019	.1034	.1034	.1004	.1053	.1076
70.		0.0000	.1070	.1080	.1126	.1135	.1131	.1147	.1177	.1226	.1140	.1134	.1171	.1195
80.			.1381	.1457	.1435	.1740	.1538	.1528	.1527	.1551	.1527	.1519	.1529	.1530
90.	.2142	.2087	.2049	.1991	.2008	.2046	.2075	.2070	.2100	.2092	.2072	.2075	.2059	.2083
100.			.0710	.0826	.0831	.0826	.0884	.0873	.0876	.0895	.0877	.0874	.0875	.0891
110.		0.0000	.0455	.0500	.0492	.0489	.0529	.0528	.0542	.0529	.0515	.0510	.0537	.0550
120.				.0431	.0402	.0400	.0448	.0443	.0454	.0466	.0464	.0444	.0482	.0494
130.	.1015	.0455	.0433	.0399	.0405	.0415	.0436	.0434	.0435	.0451	.0456	.0436	.0451	.0471
150.			.0399	.0630	.0398	.0400	.0419	.0424	.0427	.0431	.0439	.0442	.0437	.0453
180.	.0731	.0507	.0412	.0409	.0385	.0392	.0409	.0427	.0422	.0433	.0422	.0440	.0454	.0448
						FOR ALPHA = -1.35 DEG								
0.	.0983	.0943	.0790	.0796	.0786	.0773	.0775	.0758	.0752	.0796	.0810	.0835	.0851	.0842
30.			.0790	.0960	.0776	.0766	.0802	.0810	.0809	.0817	.0837	.0837	.0832	.0857
50.	.1015	.0951	.0806	.0813	.0795	.0817	.0846	.0851	.0855	.0890	.0864	.0845	.0861	.0891
60.				.0848	.0864	.0882	.0876	.0888	.0896	.0904	.0916	.0877	.0929	.0943
70.		0.0000	.0941	.0954	.0988	.1015	.0988	.1012	.1028	.1089	.1002	.0993	.1041	.1060
80.			.1254	.1290	.1320	.1620	.1396	.1389	.1387	.1410	.1389	.1382	.1388	.1398
90.	.2218	.2085	.2066	.1999	.2019	.2062	.2090	.2085	.2114	.2105	.2084	.2088	.2074	.2099
100.			.0829	.0925	.0966	.0960	.1015	.1004	.1012	.1028	.1015	.1013	.1019	.1023
110.		0.0000	.0569	.0609	.0605	.0607	.0651	.0651	.0670	.0663	.0643	.0639	.0674	.0690
120.				.0536	.0503	.0507	.0567	.0560	.0564	.0578	.0566	.0548	.0596	.0611
130.	.1138	.0557	.0521	.0502	.0505	.0501	.0534	.0534	.0542	.0549	.0555	.0536	.0555	.0575
150.			.0488	.0721	.0493	.0484	.0510	.0521	.0522	.0533	.0537	.0533	.0530	.0550
180.	.0841	.0610	.0503	.0500	.0473	.0468	.0507	.0521	.0513	.0524	.0516	.0534	.0549	.0545
						FOR ALPHA = -.35 DEG								
0.	.0867	.0826	.0691	.0685	.0675	.0661	.0665	.0655	.0628	.0668	.0690	.0717	.0736	.0728
30.			.0684	.0855	.0666	.0651	.0681	.0689	.0692	.0701	.0719	.0723	.0717	.0740
50.	.0906	.0835	.0702	.0693	.0677	.0690	.0721	.0732	.0747	.0772	.0748	.0724	.0739	.0768
60.				.0733	.0734	.0751	.0743	.0773	.0772	.0786	.0787	.0747	.0796	.0814
70.		0.0000	.0811	.0822	.0862	.0877	.0853	.0871	.0896	.0957	.0864	.0856	.0903	.0927
80.			.1102	.1166	.1180	.1495	.1251	.1243	.1243	.1264	.1246	.1242	.1248	.1258
90.	.2301	.2069	.2062	.2005	.2025	.2066	.2096	.2092	.2119	.2107	.2091	.2097	.2082	.2107
100.			.0959	.1083	.1098	.1096	.1157	.1143	.1149	.1169	.1153	.1155	.1159	.1167
110.		0.0000	.0696	.0719	.0716	.0737	.0782	.0784	.0805	.0796	.0776	.0771	.0808	.0829
120.				.0647	.0620	.0618	.0667	.0683	.0687	.0699	.0699	.0666	.0713	.0724
130.	.1270	.0665	.0617	.0611	.0608	.0605	.0636	.0646	.0652	.0662	.0669	.0647	.0665	.0687
150.			.0590	.0812	.0594	.0587	.0606	.0621	.0623	.0633	.0647	.0644	.0638	.0656
180.	.0958	.0719	.0602	.0597	.0571	.0567	.0606	.0617	.0612	.0623	.0620	.0640	.0654	.0647
						FOR ALPHA = .65 DEG								
0.	.0758	.0716	.0580	.0580	.0565	.0557	.0560	.0556	.0527	.0551	.0577	.0609	.0626	.0618
30.			.0583	.0756	.0559	.0545	.0579	.0581	.0584	.0596	.0611	.0609	.0599	.0621
50.	.0801	.0723	.0597	.0580	.0575	.0573	.0605	.0619	.0625	.0661	.0625	.0605	.0620	.0645
60.				.0617	.0604	.0629	.0618	.0645	.0648	.0661	.0650	.0627	.0671	.0680
70.		0.0000	.0682	.0685	.0705	.0749	.0735	.0739	.0755	.0817	.0723	.0722	.0755	.0771
80.			.0954	.1035	.1043	.1375	.1107	.1092	.1097	.1114	.1098	.1098	.1100	.1110
90.	.2373	.2046	.2063	.2007	.2025	.2070	.2099	.2094	.2119	.2108	.2089	.2095	.2079	.2105
100.			.1096	.1226	.1236	.1236	.1310	.1296	.1296	.1313	.1300	.1298	.1308	.1317
110.		0.0000	.0827	.0858	.0865	.0872	.0915	.0922	.0945	.0938	.0916	.0903	.0950	.0969
120.				.0763	.0750	.0745	.0788	.0806	.0806	.0827	.0831	.0789	.0842	.0857
130.	.1412	.0786	.0723	.0732	.0724	.0718	.0754	.0759	.0763	.0779	.0789	.0768	.0784	.0811
150.			.0691	.0909	.0706	.0698	.0723	.0735	.0730	.0740	.0755	.0756	.0751	.0770
180.	.1089	.0840	.0705	.0701	.0676	.0680	.0714	.0728	.0722	.0724	.0726	.0748	.0764	.0756

TABLE V. - CONTINUED

(I) MACH = 3.95, BETA = -.06 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.36 DEG								
0.	.1400	.1360	.1373	.1387	.1356	.1361	.1376	.1375	.1365	.1353	.1400	.1452	.1492	0.
30.	.1409	.1360	.1377	.1376	.1385	.1389	.1385	.1399	.1367	.1381	.1428	.1468	.1500	30.
50.	.1462		.1401	.1408	.1421	.1441	.1453	.1469	.1468	.1459	.1426	.1463	.1511	50.
60.	.1484	.1462	.1460	.1448	.1456	.1508	.1511	.1526	.1509	.1510	.1493	.1506	.1545	60.
70.	.1669	.1639	.1627	.1621	.1603	.1650	.1670	.1655	.1636	.1629	.1610	.1679	.1711	70.
80.	.1944	.2007	.1942	.1920	.2029	.1982	.1990	.1996	.1988	.1980	.1995	.2019	.2049	80.
90.	.2012	.1979	.1979	.1950	.1950	.1970	.1986	.1989	.1982	.1968	.1945	.1988	.1985	90.
100.	.0433	.0465	.0462	.0410	.0469	.0449	.0462	.0456	.0438	.0462	.0434	.0457	.0467	100.
110.	.0154	.0143	.0134	.0126	.0134	.0148	.0161	.0152	.0150	.0144	.0138	.0154	.0160	110.
120.	.0122	.0113	.0113	.0107	.0157	.0154	.0163	.0165	.0154	.0141	.0134	.0134	.0146	120.
130.	.0155		.0142	.0144	.0164	.0163	.0170	.0172	.0170	.0147	.0136	.0146	.0166	130.
150.	.0170	.0155	.0151	.0150	.0168	.0169	.0169	.0170	.0173	.0143	.0164	.0175	.0191	150.
180.	.0170	.0160	.0157	.0162	.0158	.0162	.0167	.0167	.0154	.0142	.0162	.0179	.0195	180.
						FOR ALPHA = -3.35 DEG								
0.	.1085	.1055	.1061	.1077	.1061	.1076	.1088	.1091	.1075	.1062	.1104	.1151	.1190	0.
30.	.1090	.1057	.1067	.1069	.1088	.1102	.1100	.1112	.1076	.1083	.1126	.1161	.1195	30.
50.	.1135		.1088	.1099	.1119	.1145	.1160	.1173	.1175	.1151	.1129	.1163	.1207	50.
60.	.1158	.1144	.1146	.1136	.1152	.1203	.1213	.1225	.1213	.1199	.1192	.1201	.1234	60.
70.	.1312	.1318	.1305	.1299	.1300	.1343	.1368	.1366	.1346	.1329	.1318	.1375	.1399	70.
80.	.1641	.1683	.1641	.1604	.1697	.1672	.1695	.1698	.1677	.1678	.1698	.1717	.1753	80.
90.	.2072	.2047	.2046	.2022	.2025	.2045	.2061	.2064	.2061	.2037	.2019	.2067	.2051	90.
100.	.0683	.0746	.0704	.0667	.0713	.0728	.0708	.0712	.0698	.0706	.0704	.0705	.0710	100.
110.	.0384	.0386	.0383	.0372	.0394	.0408	.0413	.0409	.0407	.0386	.0375	.0407	.0414	110.
120.	.0338	.0324	.0321	.0325	.0345	.0356	.0360	.0369	.0357	.0336	.0328	.0326	.0343	120.
130.	.0339		.0312	.0317	.0332	.0343	.0346	.0353	.0349	.0325	.0309	.0321	.0346	130.
150.	.0339	.0316	.0315	.0316	.0327	.0332	.0327	.0333	.0317	.0304	.0327	.0344	.0361	150.
180.	.0341	.0322	.0316	.0325	.0317	.0323	.0325	.0327	.0305	.0298	.0318	.0341	.0358	180.
						FOR ALPHA = -2.34 DEG								
0.	.0949	.0924	.0930	.0945	.0926	.0941	.0956	.0959	.0943	.0937	.0977	.1019	.1056	0.
30.	.0958	.0927	.0938	.0939	.0948	.0965	.0967	.0977	.0947	.0955	.0996	.1035	.1065	30.
50.	.0994		.0958	.0967	.0979	.1006	.1022	.1038	.1040	.1023	.0998	.1031	.1069	50.
60.	.1013	.1005	.1010	.1000	.1010	.1067	.1074	.1093	.1081	.1069	.1057	.1063	.1095	60.
70.	.1156	.1143	.1155	.1146	.1145	.1200	.1217	.1225	.1206	.1190	.1181	.1227	.1247	70.
80.	.1493	.1535	.1495	.1455	.1549	.1526	.1540	.1549	.1532	.1539	.1557	.1575	.1605	80.
90.	.2096	.2066	.2064	.2042	.2045	.2068	.2084	.2088	.2086	.2064	.2047	.2100	.2079	90.
100.	.0827	.0875	.0840	.0810	.0860	.0850	.0852	.0864	.0823	.0827	.0843	.0861	.0862	100.
110.	.0523	.0523	.0505	.0518	.0509	.0540	.0552	.0550	.0539	.0521	.0509	.0541	.0549	110.
120.	.0459	.0442	.0439	.0437	.0461	.0473	.0473	.0482	.0465	.0448	.0436	.0437	.0450	120.
130.	.0448		.0416	.0417	.0433	.0447	.0452	.0458	.0455	.0431	.0411	.0426	.0445	130.
150.	.0437	.0416	.0417	.0412	.0424	.0429	.0424	.0428	.0411	.0397	.0422	.0442	.0457	150.
180.	.0433	.0417	.0417	.0418	.0406	.0413	.0416	.0416	.0396	.0387	.0407	.0433	.0450	180.
						FOR ALPHA = -1.35 DEG								
0.	.0822	.0801	.0807	.0822	.0816	.0824	.0836	.0840	.0827	.0824	.0863	.0899	.0928	0.
30.	.0837	.0806	.0813	.0813	.0836	.0843	.0846	.0855	.0830	.0836	.0877	.0907	.0935	30.
50.	.0870		.0831	.0835	.0861	.0879	.0894	.0905	.0907	.0890	.0871	.0896	.0930	50.
60.	.0888	.0874	.0874	.0867	.0891	.0927	.0936	.0947	.0935	.0925	.0916	.0924	.0948	60.
70.	.1039	.1033	.1030	.1018	.1012	.1055	.1070	.1063	.1041	.1030	.1027	.1070	.1091	70.
80.	.1348	.1396	.1359	.1315	.1406	.1387	.1402	.1413	.1395	.1403	.1416	.1434	.1462	80.
90.	.2110	.2082	.2079	.2054	.2059	.2088	.2103	.2110	.2109	.2085	.2069	.2120	.2098	90.
100.	.0955	.1015	.0976	.0938	.1003	.1001	.0997	.1018	.0990	.0978	.0979	.1000	.1008	100.
110.	.0646	.0647	.0633	.0639	.0633	.0670	.0689	.0690	.0678	.0656	.0638	.0677	.0686	110.
120.	.0562	.0564	.0558	.0549	.0575	.0599	.0600	.0607	.0594	.0569	.0552	.0558	.0571	120.
130.	.0549		.0525	.0527	.0549	.0562	.0569	.0574	.0575	.0543	.0518	.0539	.0561	130.
150.	.0529	.0509	.0519	.0514	.0533	.0540	.0537	.0538	.0507	.0502	.0528	.0548	.0566	150.
180.	.0527	.0511	.0516	.0522	.0515	.0521	.0527	.0526	.0496	.0488	.0512	.0535	.0557	180.
						FOR ALPHA = -.35 DEG								
0.	.0718	.0697	.0702	.0714	.0697	.0704	.0719	.0722	.0719	.0715	.0746	.0778	.0805	0.
30.	.0726	.0695	.0706	.0704	.0716	.0723	.0724	.0732	.0724	.0724	.0759	.0786	.0810	30.
50.	.0754		.0718	.0722	.0736	.0752	.0764	.0776	.0778	.0769	.0749	.0774	.0805	50.
60.	.0768	.0755	.0757	.0749	.0762	.0792	.0799	.0811	.0799	.0799	.0790	.0798	.0820	60.
70.	.0908	.0901	.0898	.0892	.0877	.0914	.0927	.0921	.0900	.0900	.0888	.0929	.0951	70.
80.	.1215	.1262	.1224	.1190	.1263	.1242	.1254	.1264	.1245	.1259	.1267	.1288	.1314	80.
90.	.2121	.2096	.2095	.2072	.2071	.2090	.2106	.2114	.2112	.2093	.2080	.2130	.2104	90.
100.	.1103	.1156	.1113	.1078	.1145	.1136	.1139	.1154	.1131	.1126	.1134	.1148	.1156	100.
110.	.0779	.0784	.0764	.0771	.0773	.0808	.0823	.0825	.0804	.0790	.0773	.0817	.0819	110.
120.	.0675	.0662	.0671	.0662	.0683	.0711	.0719	.0725	.0707	.0686	.0669	.0676	.0692	120.
130.	.0658		.0629	.0633	.0656	.0672	.0677	.0685	.0684	.0656	.0631	.0650	.0676	130.
150.	.0632	.0606	.0616	.0616	.0637	.0645	.0642	.0645	.0611	.0610	.0635	.0657	.0678	150.
180.	.0628	.0610	.0618	.0628	.0618	.0623	.0632	.0629	.0601	.0595	.0617	.0643	.0667	180.
						FOR ALPHA = .65 DEG								
0.	.0603	.0585	.0587	.0601	.0607	.0618	.0631	.0634	.0609	.0603	.0629	.0659	.0683	0.
30.	.0608	.0581	.0587	.0588	.0623	.0634	.0635	.0643	.0616	.0613	.0644	.0669	.0689	30.
50.	.0623		.0599	.0601	.0638	.0660	.0672	.0682	.0682	.0653	.0634	.0655	.0684	50.
60.	.0642	.0634	.0636	.0627	.0666	.0702	.0707	.0714	.0698	.0681	.0671	.0677	.0696	60.
70.	.0738	.0739	.0730	.0740	.0738	.0792	.0810	.0803	.0793	.0780	.0770	.0807	.0822	70.
80.	.1056	.1107	.1070	.1039	.1108	.1112	.1122	.1132	.1112	.1111	.1113	.1133	.1155	80.
90.	.2119	.2091	.2092	.2069	.2072	.2106	.2118	.2122	.2119	.2094	.2079	.2130	.2106	90.
100.	.1254	.1309	.1265	.1228	.1305	.1297	.1296	.1302	.1281	.1281	.1286	.1304	.1320	100.
110.	.0943	.0936	.0931	.0921	.0904	.0953	.0961	.0951	.0929	.0910	.0889	.0930	.0943	110.
120.	.0801	.0785	.0786	.0776	.0800	.0833	.0834	.0842	.0827	.0808	.0791	.0796	.0814	120.
130.	.0784		.0743	.0745	.0772	.0790	.0800	.0805	.0802	.0775	.0748	.0769	.0796	130.
150.	.0748	.0714	.0725	.0724	.0755	.0761	.0761	.0763	.0724	.0725	.0754	.0779	.0797	150.
180.	.0739	.0715	.0723	.0735	.0732	.0740	.0749	.0745	.0719	.0709	.0737	.0763	.0786	180.

TABLE V. - CONTINUED

(I) MACH = 3.95, BETA = -.06 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 1.65 DEG								
0.	.0654	.0611	.0492	.0483	.0465	.0464	.0467	.0465	.0449	.0456	.0472	.0505	.0524	.0519
30.			.0489	.0667	.0461	.0450	.0483	.0480	.0489	.0502	.0506	.0503	.0502	.0523
50.	.0700	.0618	.0493	.0475	.0477	.0467	.0490	.0509	.0523	.0543	.0517	.0514	.0525	.0540
60.				.0512	.0492	.0521	.0534	.0527	.0518	.0538	.0523	.0509	.0553	.0560
70.		0.0000	.0563	.0573	.0577	.0638	.0603	.0609	.0629	.0694	.0598	.0588	.0628	.0646
80.			.0821	.0897	.0913	.1255	.0970	.0957	.0963	.0982	.0964	.0961	.0969	.0980
90.	.2430	.2016	.2088	.2004	.2021	.2064	.2097	.2091	.2119	.2108	.2087	.2091	.2078	.2104
100.			.1243	.1361	.1380	.1379	.1462	.1452	.1451	.1470	.1446	.1442	.1450	.1461
110.		0.0000	.0963	.1009	.0999	.1010	.1057	.1070	.1093	.1080	.1060	.1051	.1097	.1117
120.				.0888	.0883	.0881	.0927	.0938	.0940	.0955	.0966	.0923	.0981	.0998
130.	.1556	.0914	.0851	.0857	.0850	.0844	.0882	.0892	.0896	.0901	.0916	.0892	.0911	.0943
150.			.0798	.1015	.0829	.0823	.0851	.0859	.0857	.0860	.0874	.0878	.0872	.0895
180.	.1228	.0970	.0827	.0810	.0799	.0808	.0838	.0848	.0840	.0843	.0847	.0873	.0891	.0879
						FOR ALPHA = 2.65 DEG								
0.	.0559	.0515	.0399	.0395	.0375	.0380	.0387	.0388	.0375	.0383	.0376	.0406	.0428	.0430
30.			.0403	.0587	.0369	.0371	.0400	.0393	.0398	.0409	.0415	.0418	.0413	.0430
50.	.0607	.0519	.0398	.0380	.0381	.0386	.0406	.0409	.0421	.0465	.0428	.0407	.0420	.0435
60.				.0420	.0394	.0421	.0413	.0426	.0418	.0445	.0433	.0414	.0442	.0449
70.		0.0000	.0454	.0473	.0502	.0522	.0483	.0491	.0507	.0578	.0476	.0481	.0509	.0520
80.			.0710	.0803	.0803	.1148	.0844	.0827	.0832	.0850	.0835	.0831	.0833	.0847
90.	.2466	.1985	.2053	.2000	.2010	.2053	.2089	.2083	.2111	.2100	.2079	.2083	.2072	.2093
100.			.1395	.1512	.1512	.1525	.1613	.1609	.1605	.1622	.1598	.1589	.1597	.1601
110.		0.0000	.1110	.1156	.1144	.1151	.1207	.1219	.1248	.1233	.1209	.1204	.1246	.1264
120.				.1027	.1019	.1017	.1067	.1083	.1085	.1096	.1100	.1057	.1123	.1138
130.	.1702	.1047	.0981	.0992	.0983	.0972	.1020	.1030	.1033	.1043	.1055	.1020	.1041	.1075
150.			.0927	.1138	.0957	.0954	.0986	.0993	.0987	.0993	.1010	.1003	.0997	.1021
180.	.1374	.1111	.0951	.0921	.0942	.0942	.0967	.0976	.0968	.0968	.0977	.1005	.1023	.1012
						FOR ALPHA = 4.65 DEG								
0.	.0387	.0343	.0241	.0238	.0221	.0227	.0229	.0235	.0228	.0247	.0233	.0247	.0262	.0262
30.			.0241	.0447	.0213	.0218	.0233	.0232	.0240	.0251	.0247	.0249	.0249	.0265
50.	.0436	.0344	.0220	.0212	.0200	.0222	.0239	.0238	.0231	.0278	.0231	.0222	.0241	.0257
60.				.0229	.0213	.0258	.0239	.0225	.0224	.0238	.0214	.0200	.0227	.0241
70.		0.0000	.0263	.0266	.0281	.0328	.0267	.0266	.0268	.0359	.0245	.0253	.0261	.0270
80.			.0567	.0561	.0545	.0950	.0585	.0572	.0574	.0594	.0574	.0578	.0578	.0603
90.	.2470	.1919	.2004	.1965	.1984	.2026	.2059	.2050	.2076	.2067	.2048	.2052	.2038	.2057
100.			.1736	.1804	.1818	.1826	.1927	.1917	.1916	.1939	.1920	.1904	.1913	.1918
110.		0.0000	.1452	.1474	.1446	.1464	.1526	.1542	.1567	.1555	.1531	.1511	.1571	.1583
120.				.1331	.1314	.1305	.1359	.1389	.1399	.1420	.1422	.1363	.1428	.1447
130.	.2010	.1327	.1221	.1285	.1275	.1250	.1306	.1322	.1330	.1347	.1369	.1329	.1347	.1381
150.			.1185	.1395	.1240	.1235	.1264	.1274	.1272	.1280	.1316	.1305	.1292	.1316
180.	.1691	.1418	.1225	.1177	.1243	.1228	.1247	.1254	.1245	.1255	.1267	.1301	.1323	.1305
						FOR ALPHA = 9.65 DEG								
0.	.0090	.0031	-.0068	-.0041	-.0060	-.0037	-.0027	-.0017	-.0027	.0000	-.0045	-.0036	-.0030	-.0034
30.			-.0057	.0195	-.0091	-.0074	-.0062	-.0065	-.0067	-.0056	-.0076	-.0071	-.0070	-.0060
50.	.0137	.0028	-.0082	-.0098	-.0108	-.0058	-.0091	-.0117	-.0121	-.0073	-.0159	-.0170	-.0162	-.0152
60.				-.0117	-.0109	-.0075	-.0114	-.0135	-.0144	-.0146	-.0195	-.0206	-.0200	-.0200
70.		0.0000	-.0111	-.0147	-.0104	-.0052	-.0146	-.0161	-.0168	-.0058	-.0221	-.0227	-.0233	-.0218
80.			.0056	.0131	.0090	.0605	.0095	.0073	.0077	.0079	.0067	.0066	.0066	.0083
90.	.2277	.1826	.1942	.1804	.1865	.1921	.1953	.1937	.1954	.1940	.1914	.1902	.1890	.1903
100.			.2597	.2623	.2690	.2647	.2772	.2764	.2750	.2772	.2751	.2716	.2736	.2746
110.		0.0000	.2419	.2359	.2355	.2365	.2444	.2488	.2514	.2492	.2469	.2448	.2517	.2523
120.				.2249	.2215	.2223	.2283	.2315	.2322	.2349	.2363	.2292	.2387	.2398
130.	.2975	.2242	.2217	.2175	.2170	.2150	.2226	.2246	.2247	.2262	.2312	.2260	.2282	.2325
150.			.2016	.2304	.2139	.2115	.2164	.2193	.2173	.2179	.2248	.2227	.2207	.2246
180.	.2633	.2372	.2093	.2157	.2168	.2109	.2149	.2175	.2137	.2151	.2160	.2211	.2242	.2220
						FOR ALPHA = 14.65 DEG								
0.	-.0120	-.0196	-.0272	-.0221	-.0261	-.0213	-.0201	-.0199	-.0213	-.0183	-.0258	-.0252	-.0243	-.0243
30.			-.0307	-.0006	-.0353	-.0331	-.0337	-.0349	-.0361	-.0356	-.0404	-.0409	-.0416	-.0413
50.	-.0073	-.0215	-.0323	-.0340	-.0350	-.0261	-.0326	-.0348	-.0349	-.0291	-.0413	-.0425	-.0429	-.0430
60.				-.0342	-.0324	-.0276	-.0334	-.0356	-.0364	-.0356	-.0420	-.0427	-.0427	-.0429
70.		0.0000	-.0355	-.0375	-.0307	-.0225	-.0353	-.0369	-.0379	-.0236	-.0440	-.0443	-.0443	-.0444
80.			-.0147	-.0160	-.0196	.0431	-.0191	-.0215	-.0207	-.0213	-.0243	-.0241	-.0242	-.0236
90.	.2025	.1690	.2007	.1609	.1683	.1767	.1818	.1786	.1791	.1768	.1739	.1718	.1702	.1708
100.			.3482	.3552	.3634	.3570	.3715	.3693	.3667	.3681	.3636	.3605	.3642	.3654
110.		0.0000	.3446	.3464	.3502	.3497	.3582	.3618	.3630	.3600	.3575	.3535	.3619	.3636
120.				.3313	.3377	.3398	.3462	.3473	.3481	.3508	.3515	.3410	.3531	.3566
130.	.4260	.3331	.3462	.3337	.3310	.3316	.3404	.3418	.3438	.3438	.3489	.3400	.3431	.3489
150.			.3096	.3409	.3270	.3298	.3349	.3357	.3333	.3334	.3428	.3388	.3361	.3424
180.	.3765	.3542	.3264	.3328	.3280	.3292	.3329	.3333	.3292	.3311	.3310	.3378	.3410	.3379
						FOR ALPHA = 19.65 DEG								
0.	-.0257	-.0329	-.0426	-.0356	-.0401	-.0335	-.0301	-.0336	-.0366	-.0314	-.0387	-.0382	-.0389	-.0378
30.			-.0439	-.0105	-.0496	-.0472	-.0465	-.0479	-.0487	-.0479	-.0559	-.0570	-.0579	-.0585
50.	-.0214	-.0360	-.0455	-.0475	-.0480	-.0375	-.0446	-.0472	-.0474	-.0404	-.0552	-.0559	-.0563	-.0564
60.				-.0466	-.0442	-.0383	-.0454	-.0478	-.0485	-.0474	-.0556	-.0561	-.0563	-.0565
70.		0.0000	-.0476	-.0488	-.0406	-.0307	-.0463	-.0480	-.0490	-.0323	-.0563	-.0566	-.0567	-.0568
80.			-.0316	-.0304	-.0331	.0363	-.0332	-.0361	-.0353	-.0366	-.0410	-.0406	-.0408	-.0407
90.	.1751	.1594	.1781	.1482	.1550	.1609	.1667	.1639	.1639	.1618	.1591	.1556	.1533	.1533
100.			.4732	.4612	.4652	.4573	.4714	.4704	.4661	.4680	.4618	.4588	.4614	.4617
110.		0.0000	.4687	.4676	.4798	.4801	.4884	.4925	.4923	.4897	.4862	.4812	.4893	.4902
120.				.4664	.4754	.4762	.4840	.4857	.4846	.4884	.4877	.4748	.4890	.4893
130.	.5540	.4674	.4774	.4621	.4708	.4694	.4808	.4816	.4830	.4834	.4892	.4779	.4798	.4873
150.			.4687	.4639	.4679	.4678	.4756	.4772	.4743	.4739	.4848	.4799	.4742	.4803
180.	.5139	.4829	.4577	.4625	.4711	.4677	.4737	.4748	.4702	.4737	.4717	.4799	.4807	.4748

TABLE V. - CONTINUED

(I) MACH = 3.95, BETA = -.06 DEG, CONCLUDED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = 1.65 DEG								
0.	.0516	.0500	.0505	.0513	.0504	.0515	.0528	.0532	.0507	.0498	.0525	.0552	.0572	0.
30.	.0519	.0497	.0507	.0504	.0520	.0528	.0530	.0543	.0519	.0509	.0539	.0564	.0582	30.
50.	.0533		.0511	.0509	.0530	.0549	.0561	.0574	.0574	.0547	.0528	.0547	.0572	50.
60.	.0540	.0528	.0536	.0531	.0554	.0578	.0587	.0600	.0588	.0569	.0557	.0562	.0579	60.
70.	.0618	.0609	.0616	.0608	.0611	.0649	.0666	.0671	.0661	.0648	.0636	.0676	.0685	70.
80.	.0930	.0983	.0949	.0913	.0974	.0973	.0970	.0991	.0972	.0970	.0966	.0985	.1004	80.
90.	.2115	.2094	.2095	.2074	.2072	.2092	.2105	.2110	.2106	.2090	.2072	.2126	.2102	90.
100.	.1409	.1460	.1420	.1379	.1457	.1435	.1441	.1445	.1421	.1428	.1442	.1457	.1482	100.
110.	.1097	.1088	.1082	.1069	.1048	.1086	.1101	.1091	.1065	.1055	.1040	.1082	.1095	110.
120.	.0940	.0927	.0923	.0912	.0924	.0959	.0964	.0975	.0956	.0947	.0932	.0936	.0953	120.
130.	.0922		.0875	.0877	.0895	.0911	.0922	.0931	.0930	.0909	.0882	.0903	.0930	130.
150.	.0877	.0845	.0853	.0849	.0868	.0877	.0874	.0882	.0850	.0855	.0887	.0912	.0927	150.
180.	.0867	.0842	.0849	.0856	.0843	.0856	.0865	.0864	.0845	.0836	.0863	.0894	.0917	180.
						FOR ALPHA = 2.65 DEG								
0.	.0424	.0410	.0414	.0422	.0419	.0427	.0441	.0442	.0418	.0411	.0435	.0458	.0479	0.
30.	.0422	.0402	.0409	.0408	.0427	.0437	.0442	.0451	.0431	.0420	.0445	.0465	.0483	30.
50.	.0423		.0403	.0408	.0433	.0450	.0463	.0473	.0474	.0445	.0427	.0443	.0466	50.
60.	.0423	.0418	.0422	.0418	.0454	.0467	.0475	.0492	.0478	.0456	.0447	.0452	.0467	60.
70.	.0493	.0490	.0476	.0482	.0486	.0526	.0542	.0551	.0540	.0524	.0512	.0544	.0559	70.
80.	.0798	.0850	.0814	.0786	.0836	.0826	.0837	.0860	.0830	.0828	.0833	.0857	.0862	80.
90.	.2105	.2083	.2083	.2060	.2059	.2086	.2098	.2104	.2100	.2078	.2064	.2115	.2089	90.
100.	.1557	.1608	.1566	.1522	.1612	.1594	.1595	.1597	.1567	.1576	.1593	.1608	.1635	100.
110.	.1245	.1233	.1236	.1215	.1200	.1253	.1256	.1245	.1225	.1207	.1195	.1243	.1253	110.
120.	.1081	.1066	.1066	.1050	.1063	.1105	.1107	.1117	.1102	.1091	.1072	.1081	.1101	120.
130.	.1053		.1012	.1014	.1035	.1052	.1060	.1069	.1070	.1050	.1017	.1045	.1077	130.
150.	.1005	.0973	.0986	.0980	.1002	.1009	.1006	.1014	.0977	.0992	.1024	.1050	.1071	150.
180.	.0999	.0969	.0981	.0987	.0974	.0985	.0997	.0997	.0979	.0970	.1000	.1032	.1062	180.
						FOR ALPHA = 4.65 DEG								
0.	.0261	.0250	.0253	.0259	.0243	.0250	.0256	.0262	.0251	.0242	.0264	.0284	.0302	0.
30.	.0262	.0244	.0248	.0245	.0250	.0258	.0259	.0266	.0271	.0246	.0268	.0285	.0302	30.
50.	.0243		.0240	.0242	.0244	.0258	.0264	.0273	.0274	.0256	.0240	.0256	.0276	50.
60.	.0218	.0206	.0224	.0218	.0244	.0251	.0259	.0270	.0262	.0248	.0243	.0245	.0258	60.
70.	.0245	.0252	.0250	.0245	.0231	.0251	.0266	.0275	.0284	.0266	.0263	.0286	.0289	70.
80.	.0537	.0596	.0563	.0552	.0574	.0575	.0567	.0586	.0562	.0556	.0569	.0576	.0598	80.
90.	.2068	.2041	.2039	.2017	.2019	.2043	.2053	.2054	.2055	.2033	.2016	.2063	.2043	90.
100.	.1872	.1923	.1869	.1838	.1942	.1909	.1915	.1915	.1895	.1883	.1894	.1914	.1945	100.
110.	.1567	.1541	.1536	.1527	.1507	.1561	.1574	.1559	.1534	.1509	.1486	.1549	.1569	110.
120.	.1385	.1363	.1368	.1351	.1369	.1419	.1417	.1429	.1409	.1390	.1370	.1382	.1409	120.
130.	.1356		.1303	.1309	.1338	.1354	.1364	.1374	.1371	.1342	.1307	.1343	.1380	130.
150.	.1294	.1254	.1273	.1271	.1301	.1302	.1300	.1308	.1256	.1277	.1318	.1352	.1374	150.
180.	.1289	.1255	.1270	.1284	.1271	.1276	.1288	.1287	.1262	.1251	.1293	.1333	.1362	180.
						FOR ALPHA = 9.65 DEG								
0.	-.0043	-.0053	-.0056	-.0053	-.0042	-.0037	-.0030	-.0028	-.0050	-.0061	-.0045	-.0028	-.0014	0.
30.	-.0070	-.0076	-.0076	-.0077	-.0051	-.0049	-.0052	-.0045	-.0023	-.0077	-.0065	-.0055	-.0045	30.
50.	-.0149		-.0139	-.0139	-.0105	-.0097	-.0089	-.0083	-.0086	-.0113	-.0124	-.0117	-.0102	50.
60.	-.0222	-.0226	-.0237	-.0243	-.0156	-.0214	-.0194	-.0204	-.0196	-.0220	-.0225	-.0206	-.0215	60.
70.	-.0249	-.0255	-.0255	-.0250	-.0255	-.0239	-.0226	-.0212	-.0235	-.0253	-.0246	-.0255	-.0247	70.
80.	.0013	.0068	.0044	.0014	.0036	.0062	.0045	.0065	.0058	.0033	.0045	.0063	.0067	80.
90.	.1912	.1871	.1868	.1839	.1830	.1864	.1881	.1886	.1888	.1865	.1843	.1867	.1869	90.
100.	.2697	.2745	.2664	.2634	.2785	.2715	.2720	.2713	.2702	.2688	.2720	.2741	.2761	100.
110.	.2506	.2446	.2430	.2424	.2406	.2465	.2490	.2459	.2435	.2421	.2392	.2481	.2501	110.
120.	.2302	.2272	.2270	.2249	.2263	.2329	.2326	.2330	.2307	.2307	.2280	.2297	.2329	120.
130.	.2280		.2195	.2203	.2236	.2251	.2267	.2272	.2264	.2252	.2206	.2250	.2305	130.
150.	.2201	.2144	.2173	.2169	.2194	.2191	.2186	.2194	.2148	.2175	.2235	.2269	.2296	150.
180.	.2199	.2143	.2167	.2184	.2148	.2159	.2177	.2166	.2165	.2140	.2198	.2248	.2285	180.
						FOR ALPHA = 14.65 DEG								
0.	-.0249	-.0259	-.0264	-.0259	-.0258	-.0248	-.0244	-.0239	-.0246	-.0256	-.0243	-.0227	-.0214	0.
30.	-.0420	-.0412	-.0416	-.0407	-.0392	-.0384	-.0384	-.0373	-.0289	-.0384	-.0370	-.0373	-.0370	30.
50.	-.0439		-.0449	-.0453	-.0439	-.0437	-.0435	-.0433	-.0436	-.0442	-.0449	-.0450	-.0451	50.
60.	-.0441	-.0447	-.0451	-.0459	-.0372	-.0446	-.0441	-.0440	-.0443	-.0447	-.0453	-.0457	-.0469	60.
70.	-.0468	-.0472	-.0475	-.0481	-.0481	-.0469	-.0461	-.0461	-.0468	-.0464	-.0469	-.0473	-.0485	70.
80.	-.0278	-.0261	-.0282	-.0293	-.0294	-.0279	-.0279	-.0273	-.0276	-.0254	-.0258	-.0252	-.0255	80.
90.	.1719	.1681	.1671	.1640	.1618	.1646	.1656	.1661	.1647	.1641	.1629	.1658	.1670	90.
100.	.3611	.3660	.3559	.3518	.3708	.3595	.3608	.3610	.3600	.3574	.3597	.3631	.3654	100.
110.	.3609	.3523	.3505	.3506	.3478	.3543	.3572	.3546	.3516	.3501	.3451	.3577	.3600	110.
120.	.3428	.3401	.3390	.3353	.3358	.3441	.3442	.3456	.3419	.3412	.3368	.3406	.3451	120.
130.	.3441		.3324	.3326	.3338	.3367	.3396	.3408	.3393	.3366	.3299	.3372	.3448	130.
150.	.3366	.3282	.3323	.3304	.3315	.3320	.3314	.3322	.3249	.3289	.3376	.3423	.3451	150.
180.	.3352	.3284	.3314	.3327	.3267	.3286	.3308	.3291	.3270	.3253	.3339	.3412	.3456	180.
						FOR ALPHA = 19.65 DEG								
0.	-.0369	-.0390	-.0407	-.0406	-.0395	-.0394	-.0386	-.0381	-.0382	-.0404	-.0395	-.0387	-.0377	0.
30.	-.0586	-.0578	-.0590	-.0597	-.0576	-.0581	-.0582	-.0580	-.0455	-.0581	-.0584	-.0592	-.0595	30.
50.	-.0574		-.0577	-.0584	-.0563	-.0574	-.0573	-.0573	-.0578	-.0576	-.0583	-.0584	-.0584	50.
60.	-.0577	-.0581	-.0578	-.0588	-.0478	-.0577	-.0577	-.0577	-.0579	-.0578	-.0584	-.0589	-.0596	60.
70.	-.0594	-.0596	-.0590	-.0598	-.0601	-.0586	-.0584	-.0585	-.0592	-.0582	-.0587	-.0593	-.0604	70.
80.	-.0437	-.0439	-.0452	-.0463	-.0469	-.0454	-.0456	-.0454	-.0457	-.0425	-.0434	-.0433	-.0439	80.
90.	.1538	.1502	.1489	.1461	.1435	.1457	.1457	.1460	.1445	.1445	.1427	.1452	.1462	90.
100.	.4586	.4638	.4519	.4469	.4700	.4537	.4555	.4537	.4529	.4529	.4563	.4615	.4630	100.
110.	.4864	.4759	.4737	.4762	.4727	.4782	.4809	.4766	.4749	.4731	.4673	.4821	.4850	110.
120.	.4751	.4722	.4701	.4653	.4664	.4749	.4735	.4743	.4713	.4709	.4669	.4702	.4757	120.
130.	.4804		.4650	.4657	.4667	.4697	.4717	.4728	.4708	.4664	.4599	.4700	.4797	130.
150.	.4729	.4630	.4681	.4665	.4668	.4657	.4630	.4643	.4554	.4597	.4714	.4772	.4815	150.
180.	.4700	.4638	.4682	.4704	.4630	.4647	.4651	.4615	.4585	.4565	.4678	.4756	.4824	180.

TABLE V. - CONTINUED

(J) MACH = 3.95, BETA = 5.01 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.36 DEG								
0.	.1624	.1434	.1286	.1296	.1278	.1276	.1312	.1331	.1309	.1321	.1323	.1360	.1382	.1370
30.			.1243	.1362	.1210	.1212	.1234	.1265	.1265	.1298	.1335	.1334	.1313	.1340
50.	.1961	.1286	.1163	.1216	.1197	.1190	.1236	.1254	.1273	.1302	.1318	.1279	.1295	.1338
60.				.1220	.1221	.1255	.1239	.1259	.1271	.1293	.1298	.1253	.1317	.1345
70.		0.0000	.1181	.1243	.1275	.1391	.1284	.1311	.1324	.1377	.1308	.1295	.1351	.1369
80.			.1352	.1368	.1338	.1657	.1436	.1416	.1414	.1436	.1418	.1402	.1423	.1446
90.	.1524	.1132	.1177	.1089	.1050	.1081	.1113	.1105	.1125	.1118	.1100	.1096	.1090	.1105
100.			.0222	.0221	.0213	.0193	.0223	.0198	.0193	.0199	.0181	.0175	.0173	.0182
110.		0.0000	.0140	.0133	.0126	.0115	.0150	.0132	.0139	.0129	.0117	.0116	.0143	.0158
120.				.0136	.0129	.0124	.0161	.0156	.0153	.0163	.0154	.0140	.0170	.0180
130.	.0511	.0222	.0132	.0139	.0131	.0165	.0163	.0158	.0159	.0173	.0172	.0158	.0160	.0177
150.			.0150	.0405	.0133	.0134	.0149	.0164	.0167	.0172	.0173	.0173	.0162	.0169
180.	.0435	.0218	.0152	.0151	.0139	.0144	.0153	.0152	.0150	.0172	.0145	.0155	.0164	.0160
210.			.0150	.0392	.0129	.0123	.0136	.0148	.0149	.0150	.0142	.0137	.0144	.0164
230.	.0728	.0199	.0139	.0126	.0101	.0122	.0136	.0115	.0120	.0131	.0112	.0107	.0120	.0124
240.				.0134	.0119	.0132	.0158	.0139	.0132	.0154	.0134	.0131	.0171	.0154
250.		0.0000	.0352	.0276	.0300	.0285	.0308	.0311	.0324	.0310	.0321	.0296	.0359	.0348
260.			.0812	.0866	.0840	.0857	.0915	.0899	.0919	.0936	.0926	.0933	.0923	.0953
270.	.2999	.3067	.2970	.3029	.3022	.3060	.3091	.3089	.3132	.3126	.3103	.3102	.3087	.3118
280.			.2376	.2433	.2465	.2672	.2580	.2573	.2577	.2624	.2604	.2593	.2609	.2621
290.		0.0000	.1802	.1779	.1817	.1851	.1877	.1922	.1940	.1979	.1915	.1901	.1977	.2014
300.				.1568	.1547	.1575	.1608	.1629	.1632	.1666	.1678	.1643	.1741	.1764
310.	.1732	.1597	.1477	.1430	.1459	.1426	.1487	.1514	.1536	.1557	.1562	.1529	.1566	.1605
330.			.1312	.1467	.1347	.1339	.1378	.1399	.1400	.1410	.1441	.1436	.1438	.1475
						FOR ALPHA = -3.35 DEG								
0.	.1341	.1133	.1018	.1017	.1000	.0995	.1020	.1038	.1024	.1040	.1035	.1060	.1080	.1072
30.			.0985	.1114	.0948	.0945	.0970	.0989	.0996	.1029	.1049	.1048	.1030	.1052
50.	.1653	.1007	.0917	.0951	.0942	.0944	.0979	.0988	.1001	.1033	.1037	.1006	.1017	.1054
60.				.0966	.0965	.1016	.0990	.1001	.1006	.1026	.1028	.0992	.1041	.1067
70.		0.0000	.0960	.0992	.1035	.1167	.1032	.1052	.1063	.1125	.1048	.1040	.1083	.1099
80.			.1130	.1139	.1130	.1470	.1208	.1190	.1185	.1212	.1197	.1185	.1193	.1213
90.	.1750	.1182	.1182	.1169	.1121	.1149	.1178	.1174	.1193	.1189	.1176	.1178	.1172	.1190
100.			.0384	.0403	.0406	.0403	.0444	.0424	.0427	.0436	.0418	.0411	.0419	.0426
110.		0.0000	.0295	.0309	.0276	.0292	.0331	.0322	.0325	.0325	.0303	.0295	.0312	.0314
120.				.0288	.0276	.0265	.0303	.0299	.0310	.0319	.0311	.0289	.0325	.0334
130.	.0691	.0378	.0284	.0278	.0272	.0286	.0301	.0307	.0312	.0326	.0323	.0306	.0310	.0329
150.			.0291	.0527	.0260	.0267	.0298	.0315	.0315	.0323	.0326	.0324	.0311	.0323
180.	.0615	.0375	.0297	.0297	.0282	.0288	.0308	.0312	.0306	.0317	.0306	.0319	.0328	.0322
210.			.0308	.0532	.0297	.0301	.0313	.0319	.0329	.0343	.0338	.0326	.0322	.0341
230.	.0977	.0386	.0325	.0318	.0299	.0300	.0325	.0337	.0343	.0353	.0333	.0325	.0352	.0366
240.				.0336	.0324	.0327	.0370	.0371	.0368	.0382	.0372	.0367	.0398	.0409
250.		0.0000	.0589	.0512	.0508	.0515	.0545	.0548	.0576	.0567	.0552	.0537	.0578	.0594
260.			.1036	.1078	.1089	.1111	.1176	.1173	.1181	.1212	.1209	.1212	.1219	.1237
270.	.3061	.3140	.3055	.3060	.3049	.3085	.3119	.3122	.3167	.3166	.3157	.3158	.3142	.3173
280.			.1974	.2079	.2123	.2351	.2225	.2224	.2236	.2276	.2265	.2250	.2257	.2255
290.		0.0000	.1481	.1451	.1494	.1523	.1531	.1565	.1586	.1631	.1564	.1564	.1604	.1618
300.				.1278	.1231	.1238	.1271	.1292	.1301	.1338	.1343	.1310	.1386	.1389
310.	.1410	.1273	.1189	.1120	.1140	.1113	.1172	.1192	.1199	.1252	.1242	.1215	.1236	.1259
330.			.1015	.1196	.1062	.1058	.1084	.1095	.1093	.1108	.1140	.1127	.1125	.1154
						FOR ALPHA = -1.35 DEG								
0.	.1063	.0877	.0770	.0769	.0762	.0756	.0773	.0782	.0775	.0788	.0783	.0804	.0820	.0812
30.			.0749	.0909	.0722	.0706	.0739	.0763	.0763	.0793	.0795	.0790	.0773	.0792
50.	.1313	.0805	.0710	.0720	.0717	.0717	.0748	.0757	.0774	.0799	.0790	.0761	.0769	.0800
60.				.0748	.0746	.0796	.0754	.0765	.0774	.0787	.0786	.0752	.0796	.0816
70.		0.0000	.0739	.0767	.0806	.0958	.0804	.0810	.0823	.0892	.0806	.0799	.0839	.0851
80.			.0886	.0936	.0919	.1290	.0989	.0965	.0965	.0986	.0975	.0964	.0970	.0983
90.	.1950	.1207	.1226	.1213	.1168	.1195	.1222	.1223	.1245	.1244	.1229	.1233	.1226	.1243
100.			.0565	.0612	.0629	.0626	.0675	.0663	.0664	.0679	.0653	.0646	.0654	.0659
110.		0.0000	.0466	.0489	.0479	.0479	.0527	.0514	.0525	.0525	.0495	.0493	.0525	.0539
120.				.0463	.0455	.0446	.0482	.0492	.0493	.0501	.0488	.0468	.0504	.0521
130.	.0907	.0557	.0456	.0443	.0436	.0446	.0482	.0491	.0493	.0501	.0497	.0476	.0483	.0506
150.			.0473	.0666	.0425	.0446	.0486	.0492	.0495	.0501	.0506	.0503	.0488	.0501
180.	.0818	.0560	.0482	.0480	.0469	.0462	.0491	.0490	.0488	.0490	.0481	.0498	.0510	.0506
210.			.0481	.0702	.0500	.0487	.0505	.0520	.0522	.0519	.0530	.0522	.0518	.0542
230.	.1249	.0607	.0545	.0532	.0509	.0509	.0549	.0554	.0559	.0562	.0572	.0537	.0561	.0592
240.				.0598	.0583	.0574	.0609	.0620	.0615	.0623	.0621	.0601	.0647	.0678
250.		0.0000	.0856	.0815	.0771	.0780	.0803	.0816	.0826	.0825	.0790	.0812	.0872	.0879
260.			.1255	.1371	.1392	.1395	.1466	.1456	.1468	.1494	.1494	.1493	.1505	.1518
270.	.3141	.3128	.3129	.3089	.3074	.3120	.3148	.3150	.3196	.3188	.3174	.3180	.3165	.3196
280.			.1633	.1767	.1814	.2065	.1906	.1904	.1911	.1942	.1921	.1914	.1923	.1935
290.		0.0000	.1197	.1194	.1171	.1212	.1213	.1240	.1258	.1315	.1235	.1230	.1275	.1307
300.				.0991	.0969	.0959	.0974	.0998	.1005	.1015	.1033	.1000	.1059	.1072
310.	.1126	.0991	.0923	.0855	.0880	.0846	.0891	.0908	.0933	.0967	.0938	.0916	.0937	.0964
330.			.0780	.0970	.0801	.0803	.0819	.0825	.0834	.0846	.0866	.0853	.0852	.0877

TABLE V. - CONTINUED

(J) MACH = 3.95, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.36 DEG								
0.	.1361	.1329	.1344	.1358	.1266	.1303	.1324	.1329	.1350	.1338	.1387	.1436	.1471	0.
30.	.1318	.1277	.1295	.1292	.1149	.1196	.1212	.1237	.1290	.1301	.1354	.1390	.1412	30.
50.	.1319		.1268	.1269	.1126	.1166	.1217	.1238	.1241	.1301	.1275	.1313	.1361	50.
60.	.1294	.1281	.1281	.1265	.1084	.1181	.1224	.1244	.1232	.1306	.1293	.1308	.1338	60.
70.	.1362	.1327	.1329	.1331	.1315	.1218	.1279	.1273	.1265	.1334	.1317	.1373	.1399	70.
80.	.1421	.1460	.1417	.1396	.1489	.1318	.1361	.1368	.1364	.1430	.1448	.1470	.1491	80.
90.	.1115	.1087	.1089	.1076	.1071	.1014	.1050	.1060	.1064	.1090	.1075	.1106	.1104	90.
100.	.0143	.0167	.0150	.0135	.0155	.0161	.0162	.0162	.0156	.0154	.0159	.0168	.0175	100.
110.	.0137	.0130	.0128	.0127	.0118	.0143	.0153	.0145	.0135	.0118	.0115	.0132	.0143	110.
120.	.0144	.0132	.0128	.0123	.0164	.0148	.0153	.0158	.0150	.0138	.0133	.0135	.0147	120.
130.	.0158		.0131	.0131	.0145	.0151	.0155	.0162	.0158	.0144	.0133	.0144	.0161	130.
150.	.0151	.0136	.0136	.0136	.0147	.0148	.0146	.0152	.0163	.0134	.0153	.0164	.0176	150.
180.	.0144	.0134	.0133	.0141	.0131	.0139	.0139	.0142	.0129	.0119	.0137	.0159	.0173	180.
210.	.0136	.0137	.0138	.0134	.0134	.0142	.0134	.0137	.0144	.0115	.0129	.0149	.0167	210.
230.	.0100		.0093	.0093	.0100	.0120	.0134	.0138	.0137	.0126	.0119	.0131	.0149	230.
240.	.0132	.0101	.0097	.0095	.0111	.0117	.0127	.0138	.0138	.0131	.0128	.0124	.0141	240.
250.	.0289	.0297	.0308	.0297	.0287	.0302	.0348	.0330	.0309	.0329	.0314	.0318	.0335	250.
260.	.0842	.0945	.0884	.0854	.0914	.0869	.0899	.0879	.0857	.0873	.0859	.0903	.0893	260.
270.	.3133	.3095	.3095	.3060	.3058	.3091	.3102	.3102	.3094	.3064	.3038	.3102	.3069	270.
280.	.2577	.2623	.2557	.2502	.2630	.2595	.2614	.2624	.2590	.2589	.2600	.2628	.2682	280.
290.	.1970	.1964	.1956	.1952	.1942	.1999	.2027	.2021	.1992	.1965	.1935	.2007	.2037	290.
300.	.1692	.1658	.1663	.1650	.1651	.1710	.1716	.1727	.1706	.1693	.1677	.1690	.1722	300.
310.	.1591		.1534	.1539	.1558	.1576	.1592	.1601	.1604	.1574	.1548	.1588	.1635	310.
330.	.1453	.1402	.1423	.1421	.1446	.1460	.1457	.1464	.1404	.1416	.1470	.1517	.1557	330.
						FOR ALPHA = -3.35 DEG								
0.	.1059	.1029	.1039	.1054	.1037	.1051	.1065	.1068	.1061	.1054	.1094	.1138	.1176	0.
30.	.1028	.0990	.0998	.1001	.0996	.1002	.1006	.1023	.1015	.1022	.1064	.1095	.1122	30.
50.	.1033		.0978	.0985	.0979	.1000	.1016	.1032	.1036	.1031	.1007	.1036	.1079	50.
60.	.1021	.1004	.0994	.0986	.0982	.1017	.1027	.1041	.1034	.1041	.1029	.1038	.1067	60.
70.	.1085	.1057	.1049	.1052	.1041	.1060	.1086	.1080	.1075	.1077	.1061	.1106	.1133	70.
80.	.1179	.1219	.1171	.1155	.1233	.1192	.1203	.1206	.1202	.1202	.1222	.1239	.1263	80.
90.	.1200	.1175	.1174	.1159	.1157	.1163	.1175	.1178	.1181	.1177	.1163	.1191	.1187	90.
100.	.0375	.0405	.0392	.0361	.0396	.0400	.0402	.0395	.0381	.0388	.0391	.0395	.0401	100.
110.	.0289	.0295	.0303	.0301	.0301	.0324	.0341	.0330	.0320	.0305	.0295	.0318	.0332	110.
120.	.0293	.0283	.0284	.0273	.0301	.0303	.0307	.0311	.0302	.0293	.0284	.0286	.0299	120.
130.	.0305		.0277	.0274	.0284	.0291	.0298	.0301	.0299	.0286	.0272	.0284	.0306	130.
150.	.0299	.0279	.0281	.0277	.0285	.0285	.0285	.0290	.0288	.0273	.0296	.0308	.0321	150.
180.	.0305	.0289	.0290	.0296	.0289	.0294	.0302	.0303	.0286	.0276	.0299	.0318	.0337	180.
210.	.0321	.0298	.0306	.0306	.0325	.0329	.0329	.0326	.0310	.0293	.0314	.0333	.0355	210.
230.	.0345		.0330	.0321	.0347	.0354	.0364	.0361	.0363	.0338	.0326	.0341	.0364	230.
240.	.0385	.0364	.0352	.0353	.0372	.0400	.0400	.0408	.0397	.0386	.0376	.0376	.0386	240.
250.	.0572	.0564	.0574	.0565	.0546	.0582	.0595	.0618	.0574	.0566	.0559	.0585	.0591	250.
260.	.1147	.1220	.1168	.1135	.1197	.1169	.1168	.1185	.1142	.1156	.1156	.1162	.1178	260.
270.	.3188	.3149	.3146	.3111	.3120	.3152	.3173	.3169	.3160	.3132	.3111	.3173	.3141	270.
280.	.2192	.2254	.2190	.2141	.2253	.2237	.2250	.2265	.2236	.2240	.2245	.2282	.2317	280.
290.	.1581	.1570	.1560	.1582	.1579	.1651	.1662	.1663	.1639	.1614	.1596	.1670	.1678	290.
300.	.1329	.1300	.1312	.1289	.1321	.1378	.1380	.1391	.1369	.1361	.1350	.1356	.1384	300.
310.	.1233		.1189	.1195	.1236	.1250	.1266	.1275	.1277	.1258	.1234	.1269	.1314	310.
330.	.1126	.1080	.1096	.1095	.1135	.1150	.1152	.1154	.1108	.1121	.1168	.1212	.1253	330.
						FOR ALPHA = -1.35 DEG								
0.	.0805	.0779	.0789	.0803	.0800	.0816	.0830	.0836	.0809	.0806	.0839	.0878	.0902	0.
30.	.0780	.0750	.0762	.0764	.0778	.0786	.0786	.0802	.0781	.0785	.0820	.0845	.0863	30.
50.	.0789		.0746	.0752	.0769	.0791	.0803	.0814	.0815	.0795	.0774	.0797	.0829	50.
60.	.0781	.0769	.0763	.0759	.0778	.0808	.0815	.0824	.0817	.0806	.0792	.0802	.0824	60.
70.	.0844	.0820	.0817	.0822	.0810	.0849	.0871	.0864	.0857	.0840	.0826	.0868	.0888	70.
80.	.0951	.0991	.0949	.0936	.1007	.0995	.1003	.1009	.1004	.0989	.0999	.1018	.1035	80.
90.	.1251	.1232	.1234	.1220	.1221	.1239	.1250	.1254	.1258	.1240	.1226	.1261	.1249	90.
100.	.0620	.0654	.0638	.0610	.0658	.0649	.0658	.0656	.0639	.0634	.0638	.0650	.0670	100.
110.	.0520	.0520	.0518	.0514	.0510	.0531	.0543	.0535	.0516	.0497	.0487	.0518	.0532	110.
120.	.0482	.0476	.0473	.0463	.0482	.0493	.0496	.0503	.0489	.0471	.0462	.0465	.0477	120.
130.	.0487		.0457	.0457	.0467	.0477	.0485	.0491	.0485	.0463	.0445	.0461	.0482	130.
150.	.0483	.0464	.0466	.0464	.0474	.0475	.0472	.0479	.0458	.0452	.0476	.0494	.0504	150.
180.	.0494	.0480	.0483	.0493	.0478	.0485	.0490	.0490	.0473	.0463	.0488	.0513	.0532	180.
210.	.0521	.0501	.0517	.0520	.0525	.0533	.0529	.0527	.0508	.0499	.0527	.0550	.0572	210.
230.	.0578		.0569	.0574	.0576	.0591	.0602	.0597	.0594	.0577	.0566	.0580	.0604	230.
240.	.0618	.0617	.0612	.0608	.0622	.0644	.0663	.0670	.0653	.0652	.0639	.0641	.0653	240.
250.	.0836	.0840	.0830	.0830	.0836	.0872	.0876	.0872	.0855	.0846	.0838	.0867	.0878	250.
260.	.1435	.1511	.1458	.1424	.1491	.1457	.1464	.1472	.1452	.1466	.1451	.1480	.1481	260.
270.	.3209	.3175	.3173	.3144	.3153	.3184	.3205	.3209	.3207	.3169	.3151	.3220	.3182	270.
280.	.1863	.1927	.1866	.1825	.1911	.1911	.1927	.1947	.1917	.1905	.1913	.1946	.1976	280.
290.	.1264	.1282	.1264	.1265	.1257	.1322	.1342	.1344	.1322	.1280	.1272	.1317	.1341	290.
300.	.1008	.0991	.0992	.0987	.1012	.1056	.1071	.1090	.1072	.1044	.1037	.1045	.1072	300.
310.	.0934		.0896	.0906	.0944	.0967	.0985	.1000	.0997	.0959	.0942	.0974	.1012	310.
330.	.0851	.0816	.0829	.0833	.0871	.0892	.0897	.0906	.0848	.0855	.0893	.0932	.0964	330.

TABLE V. - CONTINUED

(J) MACH = 3.95, BETA = 5.01 DEG, CONTINUED

THETA, DEG	.0357	.0714	.1071	.1429	.1786	.2143	CP AT X/L = .2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -.35 DEG							
0.	.0955	.0765	.0652	.0655	.0654	.0647	.0661	.0675	.0662	.0670	.0664	.0686	.0702	.0697
30.			.0635	.0814	.0615	.0601	.0638	.0661	.0656	.0684	.0677	.0675	.0661	.0682
50.	.1184	.0720	.0617	.0617	.0613	.0616	.0644	.0654	.0668	.0696	.0681	.0654	.0662	.0690
60.				.0642	.0642	.0693	.0649	.0659	.0665	.0679	.0676	.0645	.0687	.0705
70.		0.0000	.0634	.0662	.0700	.0862	.0692	.0701	.0711	.0783	.0694	.0685	.0725	.0737
80.			.0761	.0837	.0812	.1201	.0879	.0852	.0854	.0870	.0857	.0849	.0856	.0867
90.	.2010	.1204	.1240	.1220	.1179	.1205	.1233	.1234	.1256	.1253	.1239	.1243	.1236	.1254
100.			.0661	.0732	.0740	.0735	.0788	.0782	.0784	.0796	.0777	.0772	.0780	.0787
110.		0.0000	.0566	.0587	.0584	.0577	.0618	.0622	.0643	.0636	.0616	.0612	.0644	.0660
120.				.0556	.0551	.0540	.0580	.0589	.0598	.0610	.0603	.0573	.0612	.0625
130.	.1034	.0671	.0544	.0527	.0529	.0543	.0581	.0589	.0595	.0603	.0606	.0581	.0588	.0610
150.			.0577	.0748	.0526	.0546	.0584	.0599	.0590	.0591	.0610	.0608	.0594	.0607
180.	.0940	.0673	.0580	.0582	.0572	.0568	.0593	.0592	.0585	.0588	.0586	.0604	.0619	.0611
210.			.0588	.0797	.0600	.0597	.0609	.0621	.0625	.0640	.0643	.0634	.0631	.0652
230.	.1401	.0735	.0676	.0652	.0624	.0632	.0666	.0675	.0692	.0702	.0695	.0671	.0695	.0716
240.				.0734	.0704	.0700	.0728	.0750	.0756	.0763	.0767	.0742	.0809	.0803
250.		0.0000	.0994	.0960	.0917	.0908	.0955	.0966	.0984	.0981	.0967	.0953	.0999	.1022
260.			.1402	.1529	.1549	.1547	.1627	.1611	.1622	.1652	.1644	.1643	.1659	.1671
270.	.3204	.3117	.3147	.3103	.3085	.3123	.3156	.3158	.3196	.3184	.3172	.3182	.3166	.3199
280.			.1492	.1635	.1654	.1921	.1746	.1738	.1738	.1771	.1750	.1746	.1754	.1765
290.		0.0000	.1075	.1068	.1042	.1060	.1061	.1080	.1095	.1154	.1066	.1069	.1112	.1133
300.				.0854	.0833	.0831	.0833	.0852	.0857	.0865	.0877	.0851	.0905	.0921
310.	.1002	.0867	.0795	.0728	.0747	.0723	.0755	.0772	.0791	.0834	.0795	.0772	.0795	.0823
330.			.0678	.0867	.0670	.0691	.0701	.0705	.0713	.0726	.0736	.0723	.0723	.0750
							FOR ALPHA = .65 DEG							
0.	.0841	.0657	.0544	.0548	.0547	.0539	.0558	.0570	.0557	.0567	.0559	.0575	.0589	.0585
30.			.0532	.0718	.0514	.0504	.0541	.0557	.0557	.0584	.0572	.0571	.0562	.0578
50.	.1048	.0636	.0534	.0516	.0514	.0525	.0547	.0553	.0571	.0599	.0573	.0551	.0562	.0590
60.				.0539	.0540	.0595	.0551	.0556	.0562	.0578	.0567	.0541	.0583	.0604
70.		0.0000	.0530	.0561	.0598	.0772	.0589	.0589	.0605	.0680	.0578	.0574	.0615	.0633
80.			.0666	.0724	.0710	.1117	.0767	.0731	.0733	.0749	.0731	.0727	.0737	.0751
90.	.2007	.1205	.1243	.1222	.1182	.1208	.1234	.1234	.1255	.1251	.1237	.1243	.1236	.1256
100.			.0778	.0853	.0847	.0842	.0899	.0895	.0897	.0916	.0902	.0895	.0903	.0915
110.		0.0000	.0669	.0693	.0687	.0684	.0725	.0732	.0750	.0747	.0734	.0726	.0767	.0781
120.				.0657	.0655	.0647	.0683	.0696	.0701	.0716	.0714	.0684	.0726	.0741
130.	.1170	.0789	.0632	.0616	.0638	.0642	.0689	.0697	.0702	.0710	.0718	.0692	.0699	.0725
150.			.0677	.0839	.0638	.0651	.0689	.0703	.0694	.0701	.0721	.0718	.0704	.0720
180.	.1069	.0796	.0694	.0694	.0690	.0685	.0701	.0699	.0694	.0700	.0700	.0724	.0739	.0732
210.			.0711	.0903	.0721	.0715	.0730	.0742	.0751	.0758	.0773	.0762	.0755	.0782
230.	.1558	.0868	.0831	.0784	.0762	.0750	.0802	.0814	.0826	.0839	.0837	.0815	.0834	.0865
240.				.0882	.0853	.0842	.0877	.0895	.0899	.0910	.0920	.0894	.0956	.0969
250.		0.0000	.1138	.1119	.1062	.1069	.1104	.1128	.1138	.1142	.1119	.1125	.1177	.1191
260.			.1550	.1662	.1713	.1713	.1794	.1781	.1787	.1819	.1808	.1808	.1823	.1833
270.	.3271	.3095	.3156	.3109	.3090	.3132	.3159	.3160	.3196	.3186	.3169	.3180	.3167	.3202
280.			.1361	.1484	.1499	.1731	.1586	.1570	.1578	.1604	.1586	.1585	.1598	.1614
290.		0.0000	.0955	.0914	.0902	.0928	.0913	.0920	.0942	.0995	.0908	.0909	.0947	.0956
300.				.0716	.0693	.0705	.0695	.0714	.0716	.0725	.0726	.0701	.0744	.0755
310.	.0880	.0745	.0664	.0608	.0606	.0599	.0632	.0637	.0661	.0697	.0659	.0634	.0665	.0685
330.			.0571	.0764	.0555	.0574	.0584	.0591	.0598	.0609	.0616	.0606	.0600	.0619
							FOR ALPHA = 2.65 DEG							
0.	.0644	.0470	.0370	.0365	.0356	.0361	.0383	.0388	.0378	.0389	.0374	.0393	.0405	.0401
30.			.0362	.0550	.0339	.0340	.0369	.0386	.0390	.0390	.0404	.0402	.0391	.0414
50.	.0815	.0466	.0355	.0345	.0348	.0366	.0382	.0384	.0396	.0435	.0406	.0387	.0395	.0422
60.				.0362	.0369	.0419	.0382	.0380	.0384	.0404	.0395	.0376	.0410	.0424
70.		0.0000	.0364	.0389	.0411	.0425	.0404	.0397	.0397	.0492	.0388	.0385	.0407	.0408
80.			.0482	.0503	.0513	.0912	.0529	.0511	.0516	.0523	.0505	.0505	.0514	.0520
90.	.1877	.1186	.1217	.1193	.1161	.1187	.1216	.1214	.1229	.1228	.1211	.1215	.1208	.1229
100.			.1055	.1064	.1080	.1066	.1137	.1140	.1136	.1155	.1130	.1119	.1126	.1143
110.		0.0000	.0891	.0929	.0940	.0925	.0968	.0984	.0999	.0993	.0970	.0960	.1002	.1016
120.				.0902	.0901	.0891	.0928	.0938	.0939	.0950	.0945	.0911	.0956	.0980
130.	.1480	.1006	.0845	.0892	.0882	.0879	.0928	.0933	.0932	.0942	.0958	.0928	.0937	.0973
150.			.0900	.1091	.0898	.0892	.0929	.0931	.0922	.0940	.0973	.0969	.0949	.0972
180.	.1356	.1062	.0941	.0967	.0947	.0935	.0956	.0956	.0938	.0943	.0948	.0973	.0996	.0988
210.			.0946	.1161	.0991	.0985	.0999	.1007	.1012	.1023	.1052	.1031	.1027	.1053
230.	.1901	.1149	.1155	.1066	.1052	.1042	.1093	.1101	.1108	.1130	.1144	.1105	.1131	.1153
240.				.1185	.1156	.1152	.1193	.1197	.1207	.1230	.1237	.1201	.1267	.1291
250.		0.0000	.1459	.1404	.1389	.1399	.1441	.1463	.1480	.1464	.1449	.1438	.1492	.1518
260.			.1904	.2017	.2049	.2048	.2137	.2120	.2131	.2156	.2147	.2139	.2150	.2164
270.	.3401	.3041	.3099	.3100	.3081	.3118	.3145	.3141	.3182	.3172	.3161	.3169	.3155	.3191
280.			.1152	.1203	.1202	.1522	.1283	.1274	.1279	.1304	.1293	.1298	.1312	.1325
290.		0.0000	.0720	.0630	.0647	.0669	.0641	.0647	.0671	.0731	.0638	.0620	.0670	.0682
300.				.0455	.0437	.0465	.0451	.0453	.0449	.0467	.0470	.0447	.0498	.0508
310.	.0660	.0525	.0425	.0397	.0390	.0377	.0403	.0411	.0425	.0467	.0419	.0414	.0436	.0449
330.			.0384	.0572	.0371	.0370	.0381	.0387	.0393	.0409	.0409	.0403	.0402	.0421

TABLE V. - CONTINUED

(J) MACH = 3.95, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -.35 DEG								
0.	.0687	.0667	.0673	.0687	.0684	.0699	.0713	.0721	.0697	.0692	.0721	.0752	.0778	0.
30.	.0667	.0642	.0651	.0650	.0662	.0670	.0674	.0690	.0674	.0670	.0702	.0723	.0744	30.
50.	.0676		.0640	.0643	.0653	.0675	.0689	.0701	.0702	.0681	.0662	.0682	.0712	50.
60.	.0668	.0658	.0656	.0648	.0667	.0693	.0702	.0714	.0706	.0693	.0682	.0689	.0708	60.
70.	.0725	.0709	.0707	.0706	.0697	.0731	.0755	.0750	.0741	.0727	.0712	.0751	.0767	70.
80.	.0832	.0874	.0840	.0821	.0887	.0878	.0889	.0895	.0886	.0876	.0887	.0902	.0916	80.
90.	.1265	.1244	.1244	.1230	.1231	.1249	.1264	.1272	.1272	.1255	.1242	.1276	.1263	90.
100.	.0746	.0779	.0754	.0730	.0782	.0785	.0789	.0793	.0771	.0762	.0771	.0779	.0794	100.
110.	.0635	.0623	.0616	.0613	.0605	.0647	.0656	.0648	.0629	.0607	.0594	.0626	.0642	110.
120.	.0582	.0572	.0567	.0560	.0588	.0606	.0604	.0614	.0600	.0582	.0566	.0571	.0583	120.
130.	.0589		.0555	.0557	.0575	.0587	.0592	.0600	.0594	.0570	.0549	.0565	.0585	130.
150.	.0585	.0562	.0569	.0568	.0585	.0586	.0581	.0591	.0562	.0560	.0584	.0603	.0614	150.
180.	.0600	.0578	.0588	.0598	.0592	.0595	.0604	.0603	.0580	.0570	.0594	.0620	.0639	180.
210.	.0636	.0603	.0622	.0621	.0648	.0649	.0650	.0647	.0611	.0604	.0636	.0661	.0686	210.
230.	.0717		.0682	.0683	.0715	.0716	.0726	.0724	.0722	.0700	.0679	.0701	.0729	230.
240.	.0770	.0761	.0768	.0759	.0767	.0802	.0805	.0814	.0797	.0784	.0769	.0773	.0787	240.
250.	.0984	.0988	.0983	.0984	.0997	.1017	.1034	.1037	.1006	.0997	.0982	.1016	.1031	250.
260.	.1595	.1664	.1607	.1565	.1636	.1615	.1616	.1636	.1608	.1625	.1614	.1637	.1651	260.
270.	.3212	.3183	.3182	.3153	.3156	.3195	.3212	.3218	.3212	.3180	.3158	.3226	.3184	270.
280.	.1695	.1766	.1711	.1672	.1747	.1750	.1758	.1770	.1748	.1747	.1754	.1776	.1806	280.
290.	.1093	.1097	.1095	.1100	.1099	.1153	.1168	.1172	.1159	.1139	.1126	.1171	.1187	290.
300.	.0871	.0853	.0857	.0853	.0876	.0911	.0936	.0952	.0934	.0910	.0903	.0907	.0933	300.
310.	.0797		.0766	.0775	.0810	.0837	.0848	.0863	.0867	.0833	.0816	.0843	.0876	310.
330.	.0728	.0694	.0706	.0712	.0751	.0770	.0772	.0783	.0735	.0739	.0774	.0807	.0836	330.
						FOR ALPHA = .65 DEG								
0.	.0574	.0556	.0565	.0578	.0576	.0589	.0603	.0606	.0585	.0578	.0606	.0637	.0661	0.
30.	.0562	.0539	.0547	.0547	.0563	.0570	.0571	.0583	.0569	.0562	.0590	.0612	.0630	30.
50.	.0573		.0539	.0541	.0555	.0575	.0585	.0597	.0595	.0573	.0555	.0576	.0604	50.
60.	.0568	.0560	.0557	.0548	.0573	.0594	.0598	.0608	.0599	.0582	.0573	.0583	.0599	60.
70.	.0621	.0610	.0606	.0603	.0593	.0628	.0648	.0642	.0634	.0613	.0601	.0636	.0651	70.
80.	.0719	.0756	.0729	.0711	.0770	.0765	.0774	.0781	.0772	.0758	.0767	.0784	.0796	80.
90.	.1268	.1250	.1250	.1234	.1234	.1255	.1268	.1274	.1271	.1251	.1239	.1277	.1264	90.
100.	.0868	.0917	.0876	.0856	.0915	.0905	.0909	.0910	.0899	.0885	.0891	.0900	.0912	100.
110.	.0760	.0741	.0732	.0728	.0715	.0757	.0774	.0761	.0744	.0723	.0705	.0738	.0754	110.
120.	.0696	.0684	.0679	.0668	.0689	.0716	.0718	.0725	.0710	.0694	.0675	.0679	.0693	120.
130.	.0703		.0665	.0664	.0682	.0698	.0706	.0710	.0704	.0681	.0654	.0673	.0697	130.
150.	.0700	.0674	.0677	.0674	.0692	.0694	.0691	.0700	.0667	.0672	.0698	.0716	.0728	150.
180.	.0716	.0693	.0699	.0712	.0703	.0712	.0720	.0720	.0698	.0689	.0715	.0739	.0763	180.
210.	.0756	.0722	.0738	.0743	.0767	.0777	.0777	.0776	.0737	.0735	.0767	.0793	.0821	210.
230.	.0835		.0806	.0813	.0840	.0853	.0864	.0864	.0866	.0839	.0820	.0840	.0872	230.
240.	.0911	.0892	.0896	.0894	.0903	.0931	.0948	.0961	.0946	.0927	.0914	.0916	.0937	240.
250.	.1152	.1161	.1160	.1152	.1145	.1190	.1206	.1202	.1186	.1162	.1147	.1191	.1203	250.
260.	.1757	.1828	.1773	.1725	.1806	.1779	.1786	.1812	.1784	.1793	.1793	.1807	.1827	260.
270.	.3217	.3183	.3184	.3155	.3162	.3196	.3213	.3221	.3219	.3184	.3163	.3231	.3193	270.
280.	.1537	.1604	.1557	.1519	.1589	.1577	.1591	.1605	.1574	.1581	.1589	.1621	.1637	280.
290.	.0940	.0936	.0939	.0934	.0936	.0988	.0996	.1011	.0984	.0972	.0959	.1008	.1019	290.
300.	.0705	.0703	.0728	.0716	.0729	.0776	.0793	.0804	.0792	.0773	.0764	.0768	.0790	300.
310.	.0667		.0650	.0651	.0691	.0705	.0720	.0728	.0729	.0702	.0684	.0708	.0738	310.
330.	.0602	.0576	.0597	.0601	.0631	.0647	.0653	.0658	.0624	.0619	.0651	.0681	.0708	330.
						FOR ALPHA = 2.65 DEG								
0.	.0393	.0379	.0384	.0395	.0391	.0403	.0414	.0415	.0394	.0385	.0410	.0438	.0459	0.
30.	.0388	.0367	.0372	.0373	.0382	.0386	.0389	.0397	.0398	.0380	.0404	.0423	.0438	30.
50.	.0398		.0366	.0366	.0380	.0394	.0404	.0413	.0415	.0392	.0376	.0394	.0419	50.
60.	.0390	.0379	.0381	.0370	.0401	.0409	.0414	.0424	.0418	.0401	.0391	.0398	.0411	60.
70.	.0394	.0402	.0408	.0408	.0406	.0443	.0455	.0456	.0443	.0423	.0411	.0441	.0452	70.
80.	.0497	.0522	.0501	.0478	.0522	.0519	.0529	.0539	.0517	.0508	.0522	.0538	.0541	80.
90.	.1239	.1219	.1222	.1206	.1205	.1224	.1236	.1237	.1239	.1219	.1204	.1238	.1232	90.
100.	.1108	.1161	.1116	.1095	.1165	.1138	.1144	.1142	.1136	.1117	.1132	.1140	.1153	100.
110.	.1005	.0984	.0975	.0973	.0956	.0995	.1016	.1004	.0988	.0968	.0950	.0985	.1005	110.
120.	.0939	.0926	.0916	.0903	.0913	.0949	.0954	.0964	.0950	.0934	.0918	.0920	.0938	120.
130.	.0954		.0902	.0900	.0910	.0932	.0942	.0952	.0947	.0921	.0896	.0916	.0945	130.
150.	.0952	.0919	.0923	.0918	.0923	.0929	.0925	.0937	.0901	.0912	.0945	.0968	.0982	150.
180.	.0977	.0943	.0953	.0963	.0948	.0957	.0971	.0972	.0951	.0939	.0972	.1009	.1032	180.
210.	.1028	.0980	.1003	.1003	.1034	.1041	.1045	.1051	.1002	.1008	.1044	.1079	.1107	210.
230.	.1128		.1096	.1103	.1128	.1139	.1154	.1167	.1166	.1142	.1111	.1141	.1173	230.
240.	.1228	.1215	.1217	.1198	.1207	.1263	.1265	.1275	.1256	.1247	.1223	.1230	.1252	240.
250.	.1484	.1482	.1494	.1492	.1491	.1535	.1530	.1540	.1523	.1498	.1481	.1543	.1551	250.
260.	.2094	.2163	.2102	.2056	.2153	.2124	.2126	.2149	.2121	.2133	.2133	.2163	.2185	260.
270.	.3204	.3177	.3174	.3145	.3153	.3187	.3205	.3214	.3203	.3168	.3147	.3208	.3176	270.
280.	.1243	.1322	.1276	.1251	.1299	.1287	.1304	.1322	.1289	.1271	.1284	.1305	.1313	280.
290.	.0655	.0661	.0653	.0665	.0670	.0708	.0732	.0738	.0711	.0692	.0689	.0717	.0737	290.
300.	.0476	.0458	.0460	.0467	.0492	.0514	.0531	.0539	.0523	.0508	.0500	.0499	.0518	300.
310.	.0430		.0417	.0427	.0458	.0472	.0481	.0487	.0484	.0458	.0445	.0463	.0488	310.
330.	.0405	.0387	.0400	.0402	.0429	.0444	.0447	.0449	.0419	.0403	.0431	.0456	.0478	330.

TABLE V. - CONTINUED

(J) MACH = 3.95, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 4.65 DEG								
0.	.0375	.0322	.0222	.0223	.0208	.0219	.0227	.0231	.0222	.0243	.0218	.0230	.0244	.0245
30.			.0243	.0447	.0208	.0211	.0233	.0230	.0234	.0270	.0248	.0249	.0243	.0257
50.	.0400	.0346	.0230	.0217	.0219	.0242	.0241	.0236	.0250	.0268	.0257	.0242	.0250	.0271
60.				.0230	.0234	.0268	.0226	.0233	.0236	.0254	.0251	.0227	.0257	.0272
70.		0.0000	.0207	.0223	.0252	.0329	.0234	.0227	.0223	.0317	.0211	.0208	.0235	.0253
80.			.0302	.0335	.0301	.0750	.0334	.0297	.0292	.0299	.0283	.0280	.0283	.0294
90.	.1499	.1127	.1211	.1142	.1116	.1137	.1164	.1156	.1176	.1170	.1154	.1154	.1148	.1163
100.			.1298	.1304	.1310	.1302	.1377	.1371	.1364	.1387	.1361	.1346	.1360	.1376
110.		0.0000	.1144	.1203	.1207	.1190	.1227	.1242	.1255	.1257	.1235	.1219	.1268	.1282
120.				.1174	.1171	.1155	.1192	.1201	.1203	.1225	.1220	.1173	.1226	.1252
130.	.1842	.1212	.1103	.1174	.1151	.1138	.1194	.1196	.1199	.1214	.1237	.1196	.1201	.1244
150.			.1207	.1331	.1161	.1166	.1194	.1199	.1196	.1205	.1250	.1242	.1217	.1247
180.	.1679	.1348	.1240	.1248	.1234	.1210	.1232	.1243	.1221	.1226	.1237	.1262	.1280	.1270
210.			.1198	.1443	.1286	.1261	.1289	.1305	.1310	.1314	.1355	.1341	.1329	.1358
230.	.2281	.1452	.1519	.1368	.1361	.1334	.1411	.1437	.1446	.1438	.1465	.1425	.1446	.1476
240.				.1502	.1464	.1476	.1526	.1537	.1535	.1561	.1577	.1534	.1607	.1627
250.		0.0000	.1778	.1735	.1734	.1742	.1794	.1818	.1837	.1828	.1807	.1803	.1871	.1889
260.			.2352	.2364	.2392	.2390	.2493	.2477	.2479	.2511	.2505	.2494	.2507	.2513
270.	.3510	.2984	.3022	.3079	.3059	.3094	.3123	.3115	.3151	.3144	.3138	.3144	.3130	.3160
280.			.0931	.0951	.0932	.1288	.1006	.0992	.1013	.1026	.1028	.1030	.1035	.1056
290.		0.0000	.0504	.0382	.0454	.0456	.0396	.0415	.0416	.0488	.0407	.0391	.0424	.0434
300.				.0234	.0232	.0282	.0234	.0229	.0219	.0249	.0225	.0211	.0252	.0266
310.	.0476	.0340	.0231	.0216	.0197	.0199	.0216	.0195	.0212	.0261	.0211	.0193	.0193	.0209
330.			.0226	.0429	.0199	.0192	.0206	.0219	.0233	.0230	.0215	.0217	.0229	.0247
						FOR ALPHA = 9.65 DEG								
0.	.0076	.0015	-.0084	-.0065	-.0088	-.0061	-.0059	-.0054	-.0065	-.0038	-.0080	-.0068	-.0060	-.0061
30.			-.0039	.0209	-.0070	-.0048	-.0023	-.0015	-.0017	.0028	-.0039	-.0040	-.0042	-.0034
50.	.0112	.0038	-.0061	-.0083	-.0087	-.0013	-.0043	-.0053	-.0039	.0002	-.0047	-.0056	-.0051	-.0038
60.				-.0075	-.0081	-.0008	-.0100	-.0122	-.0128	-.0119	-.0151	-.0144	-.0120	-.0108
70.		0.0000	-.0110	-.0119	-.0086	.0124	-.0119	-.0136	-.0152	-.0044	-.0212	-.0216	-.0212	-.0211
80.			-.0103	-.0090	-.0140	.0482	-.0121	-.0162	-.0173	-.0178	-.0220	-.0225	-.0225	-.0221
90.	.1263	.0981	.1165	.0930	.0936	.0994	.1028	.1010	.1021	.1007	.0985	.0978	.0969	.0981
100.			.1959	.1998	.1977	.1959	.2062	.2055	.2034	.2047	.2011	.1995	.2017	.2041
110.		0.0000	.2017	.2013	.2002	.1987	.2052	.2074	.2082	.2062	.2035	.2013	.2073	.2090
120.				.2003	.1984	.1983	.2035	.2055	.2057	.2067	.2059	.1991	.2069	.2097
130.	.2679	.2163	.1801	.2028	.2001	.1974	.2050	.2077	.2077	.2074	.2102	.2040	.2053	.2104
150.			.2005	.2141	.2075	.2029	.2077	.2098	.2077	.2079	.2140	.2120	.2094	.2125
180.	.2593	.2255	.2095	.2144	.2133	.2098	.2145	.2152	.2128	.2127	.2129	.2169	.2201	.2179
210.			.2269	.2333	.2198	.2182	.2219	.2232	.2238	.2258	.2322	.2294	.2273	.2312
230.	.3351	.2325	.2499	.2322	.2292	.2285	.2390	.2405	.2427	.2433	.2466	.2415	.2436	.2476
240.				.2436	.2434	.2462	.2525	.2555	.2548	.2573	.2597	.2518	.2632	.2652
250.		0.0000	.2713	.2723	.2762	.2764	.2820	.2850	.2880	.2860	.2852	.2833	.2931	.2951
260.			.3360	.3338	.3376	.3349	.3485	.3464	.3469	.3511	.3498	.3473	.3496	.3509
270.	.3480	.2896	.3057	.2924	.2973	.3014	.3049	.3036	.3067	.3049	.3023	.3016	.3007	.3028
280.			.0345	.0440	.0430	.0862	.0462	.0441	.0458	.0463	.0457	.0458	.0461	.0471
290.		0.0000	.0025	-.0042	.0001	.0046	-.0046	-.0045	-.0038	.0068	-.0073	-.0076	-.0059	-.0050
300.				-.0134	-.0145	-.0100	-.0152	-.0175	-.0187	-.0176	-.0216	-.0227	-.0210	-.0204
310.	.0152	-.0004	-.0122	-.0153	-.0162	-.0096	-.0132	-.0160	-.0179	-.0128	-.0226	-.0239	-.0236	-.0235
330.			-.0087	.0176	-.0125	-.0116	-.0104	-.0117	-.0130	-.0123	-.0147	-.0140	-.0128	-.0114
						FOR ALPHA = 14.65 DEG								
0.	-.0129	-.0226	-.0338	-.0298	-.0337	-.0297	-.0312	-.0329	-.0354	-.0323	-.0406	-.0411	-.0410	-.0412
30.			-.0254	.0061	-.0266	-.0198	-.0172	-.0209	-.0220	-.0201	-.0234	-.0240	-.0248	-.0248
50.	-.0103	-.0221	-.0325	-.0344	-.0368	-.0222	-.0333	-.0366	-.0373	-.0341	-.0415	-.0436	-.0433	-.0427
60.				-.0332	-.0341	-.0280	-.0344	-.0368	-.0368	-.0370	-.0434	-.0450	-.0455	-.0461
70.		0.0000	-.0346	-.0364	-.0312	-.0191	-.0331	-.0364	-.0374	-.0258	-.0435	-.0443	-.0446	-.0450
80.			-.0315	-.0313	-.0348	.0325	-.0219	-.0364	-.0373	-.0382	-.0435	-.0436	-.0440	-.0441
90.	.1024	.0843	.0962	.0801	.0822	.0859	.0904	.0881	.0878	.0863	.0842	.0825	.0811	.0813
100.			.2788	.2807	.2791	.2733	.2839	.2825	.2791	.2808	.2757	.2742	.2760	.2784
110.		0.0000	.3067	.3044	.2986	.3004	.3055	.3077	.3090	.3072	.3030	.2998	.3076	.3085
120.				.3037	.3035	.3055	.3113	.3119	.3124	.3153	.3136	.3038	.3147	.3166
130.	.3790	.3073	.2948	.3117	.3072	.3056	.3153	.3166	.3170	.3180	.3224	.3127	.3147	.3212
150.			.3087	.3348	.3152	.3152	.3213	.3231	.3201	.3200	.3288	.3256	.3209	.3260
180.	.3753	.3361	.3303	.3298	.3272	.3271	.3307	.3309	.3269	.3287	.3278	.3343	.3367	.3336
210.			.3361	.3475	.3353	.3370	.3426	.3446	.3435	.3441	.3517	.3472	.3456	.3510
230.	.4634	.3513	.3549	.3480	.3484	.3487	.3614	.3640	.3660	.3653	.3686	.3611	.3646	.3700
240.				.3580	.3631	.3679	.3773	.3798	.3786	.3803	.3822	.3726	.3869	.3881
250.		0.0000	.3961	.3872	.3969	.3977	.4067	.4108	.4128	.4089	.4067	.4044	.4145	.4168
260.			.4390	.4467	.4484	.4417	.4590	.4570	.4566	.4575	.4539	.4488	.4547	.4555
270.	.3189	.2784	.3095	.2686	.2779	.2866	.2923	.2881	.2896	.2853	.2817	.2794	.2786	.2804
280.			.0100	.0090	.0037	.0591	.0060	.0041	.0065	.0058	.0043	.0047	.0049	.0062
290.		0.0000	-.0285	-.0337	-.0258	-.0177	-.0317	-.0324	-.0322	-.0182	-.0379	-.0382	-.0373	-.0367
300.				-.0376	-.0352	-.0292	-.0360	-.0380	-.0389	-.0380	-.0451	-.0458	-.0457	-.0463
310.	-.0053	-.0226	-.0334	-.0371	-.0366	-.0281	-.0336	-.0358	-.0361	-.0294	-.0427	-.0434	-.0439	-.0449
330.			-.0314	-.0006	-.0357	-.0338	-.0334	-.0342	-.0349	-.0340	-.0411	-.0417	-.0419	-.0420

TABLE V. - CONTINUED

(J) MACH = 3.95, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 4.65 DEG								
0.	.0238	.0228	.0229	.0238	.0241	.0245	.0254	.0255	.0234	.0226	.0247	.0269	.0287	0.
30.	.0248	.0231	.0233	.0231	.0236	.0237	.0241	.0247	.0258	.0231	.0250	.0264	.0280	30.
50.	.0256		.0225	.0225	.0232	.0242	.0251	.0259	.0256	.0243	.0228	.0241	.0261	50.
60.	.0240	.0231	.0226	.0221	.0249	.0242	.0248	.0256	.0250	.0241	.0231	.0234	.0246	60.
70.	.0243	.0239	.0237	.0234	.0226	.0247	.0257	.0254	.0244	.0230	.0221	.0241	.0251	70.
80.	.0264	.0293	.0273	.0255	.0287	.0288	.0290	.0296	.0285	.0283	.0288	.0299	.0303	80.
90.	.1176	.1153	.1151	.1135	.1134	.1154	.1164	.1170	.1164	.1145	.1130	.1164	.1160	90.
100.	.1347	.1397	.1351	.1328	.1416	.1388	.1387	.1382	.1380	.1352	.1365	.1378	.1390	100.
110.	.1270	.1242	.1238	.1239	.1223	.1269	.1288	.1268	.1259	.1237	.1210	.1254	.1275	110.
120.	.1202	.1187	.1183	.1168	.1183	.1224	.1226	.1235	.1227	.1210	.1188	.1188	.1210	120.
130.	.1226		.1169	.1171	.1189	.1208	.1219	.1228	.1222	.1198	.1166	.1189	.1229	130.
150.	.1228	.1190	.1199	.1198	.1213	.1209	.1206	.1221	.1173	.1193	.1232	.1256	.1273	150.
180.	.1262	.1227	.1234	.1251	.1235	.1244	.1261	.1261	.1239	.1229	.1270	.1307	.1331	180.
210.	.1327	.1277	.1295	.1297	.1331	.1344	.1348	.1352	.1296	.1314	.1358	.1395	.1422	210.
230.	.1453		.1408	.1418	.1448	.1463	.1478	.1488	.1488	.1467	.1439	.1467	.1503	230.
240.	.1561	.1544	.1548	.1525	.1536	.1601	.1603	.1613	.1591	.1584	.1562	.1568	.1593	240.
250.	.1838	.1824	.1840	.1836	.1831	.1883	.1912	.1905	.1871	.1852	.1829	.1898	.1904	250.
260.	.2454	.2520	.2457	.2402	.2526	.2492	.2502	.2510	.2481	.2487	.2500	.2522	.2550	260.
270.	.3178	.3147	.3149	.3114	.3119	.3164	.3180	.3186	.3173	.3138	.3112	.3172	.3138	270.
280.	.0971	.1051	.0997	.0991	.1015	.1045	.1040	.1033	.1003	.1002	.1018	.1022	.1045	280.
290.	.0418	.0426	.0397	.0403	.0431	.0463	.0467	.0487	.0473	.0442	.0437	.0449	.0473	290.
300.	.0228	.0220	.0223	.0207	.0260	.0267	.0271	.0288	.0278	.0259	.0251	.0254	.0267	300.
310.	.0194		.0201	.0209	.0242	.0267	.0273	.0282	.0276	.0244	.0232	.0248	.0271	310.
330.	.0237	.0222	.0234	.0235	.0268	.0270	.0267	.0268	.0247	.0223	.0241	.0261	.0286	330.
						FOR ALPHA = 9.65 DEG								
0.	-.0066	-.0075	-.0077	-.0073	-.0069	-.0064	-.0060	-.0060	-.0073	-.0085	-.0073	-.0060	-.0050	0.
30.	-.0041	-.0053	-.0051	-.0055	-.0040	-.0042	-.0043	-.0039	-.0009	-.0061	-.0047	-.0032	-.0022	30.
50.	-.0047		-.0073	-.0077	-.0060	-.0058	-.0056	-.0051	-.0051	-.0072	-.0082	-.0071	-.0058	50.
60.	-.0117	-.0119	-.0117	-.0125	-.0061	-.0105	-.0101	-.0098	-.0105	-.0125	-.0132	-.0130	-.0123	60.
70.	-.0225	-.0225	-.0228	-.0235	-.0235	-.0221	-.0219	-.0221	-.0227	-.0239	-.0242	-.0235	-.0240	70.
80.	-.0226	-.0233	-.0245	-.025a	-.0255	-.0247	-.0249	-.0248	-.0255	-.0247	-.0250	-.0243	-.0244	80.
90.	.0992	.0967	.0963	.0944	.0928	.0950	.0961	.0962	.0951	.0942	.0930	.0951	.0959	90.
100.	.2019	.2064	.1997	.1973	.2093	.2033	.2046	.2038	.2025	.1999	.2015	.2027	.2039	100.
110.	.2076	.2023	.2019	.2034	.2016	.2060	.2083	.2062	.2038	.2015	.1986	.2049	.2072	110.
120.	.2028	.2011	.2000	.1981	.1998	.2057	.2054	.2069	.2042	.2020	.1995	.2005	.2029	120.
130.	.2073		.1998	.2005	.2031	.2054	.2063	.2074	.2064	.2031	.1987	.2036	.2081	130.
150.	.2091	.2042	.2061	.2056	.2076	.2078	.2065	.2084	.2022	.2052	.2111	.2151	.2167	150.
180.	.2161	.2116	.2135	.2152	.2119	.2130	.2148	.2143	.2127	.2114	.2170	.2224	.2258	180.
210.	.2272	.2204	.2237	.2229	.2253	.2254	.2251	.2259	.2202	.2230	.2294	.2343	.2375	210.
230.	.2444		.2374	.2384	.2401	.2419	.2431	.2442	.2437	.2427	.2387	.2431	.2477	230.
240.	.2556	.2526	.2532	.2516	.2509	.2576	.2568	.2585	.2556	.2565	.2543	.2552	.2586	240.
250.	.2928	.2885	.2875	.2856	.2821	.2880	.2902	.2877	.2842	.2839	.2804	.2905	.2913	250.
260.	.3468	.3519	.3435	.3387	.3546	.3466	.3486	.3485	.3454	.3456	.3466	.3494	.3534	260.
270.	.3046	.3003	.3004	.2966	.2955	.2985	.2999	.3002	.2988	.2961	.2934	.2989	.2980	270.
280.	.0374	.0452	.0418	.0393	.0410	.0422	.0416	.0425	.0408	.0414	.0418	.0435	.0438	280.
290.	-.0076	-.0070	-.0067	-.0075	-.0076	-.0048	-.0039	-.0036	-.0047	-.0060	-.0065	-.0054	-.0051	290.
300.	-.0226	-.0237	-.0235	-.0247	-.0182	-.0216	-.0210	-.0208	-.0212	-.0224	-.0230	-.0226	-.0222	300.
310.	-.0246		-.0257	-.0263	-.0237	-.0234	-.0229	-.0226	-.0228	-.0245	-.0253	-.0249	-.0239	310.
330.	-.0121	-.0125	-.0129	-.0133	-.0108	-.0105	-.0106	-.0103	-.0070	-.0135	-.0123	-.0114	-.0101	330.
						FOR ALPHA = 14.65 DEG								
0.	-.0410	-.0408	-.0404	-.0400	-.0383	-.0380	-.0375	-.0374	-.0364	-.0374	-.0363	-.0357	-.0352	0.
30.	-.0245	-.0247	-.0259	-.0273	-.0255	-.0256	-.0251	-.0243	-.0166	-.0251	-.0240	-.0227	-.0216	30.
50.	-.0418		-.0428	-.0432	-.0397	-.0404	-.0404	-.0403	-.0406	-.0412	-.0424	-.0422	-.0415	50.
60.	-.0460	-.0470	-.0474	-.0482	-.0362	-.0465	-.0466	-.0465	-.0469	-.0462	-.0472	-.0473	-.0478	60.
70.	-.0460	-.0466	-.0467	-.0474	-.0478	-.0460	-.0462	-.0465	-.0473	-.0467	-.0474	-.0474	-.0487	70.
80.	-.0414	-.0455	-.0466	-.0477	-.0479	-.0468	-.0468	-.0470	-.0474	-.0449	-.0456	-.0453	-.0464	80.
90.	.0821	.0797	.0794	.0772	.0754	.0775	.0781	.0783	.0771	.0763	.0752	.0769	.0774	90.
100.	.2759	.2815	.2733	.2694	.2860	.2779	.2801	.2787	.2772	.2736	.2752	.2787	.2799	100.
110.	.3053	.2978	.2970	.2988	.2972	.3037	.3065	.3040	.3019	.2994	.2943	.3038	.3057	110.
120.	.3064	.3045	.3028	.3001	.3011	.3094	.3098	.3111	.3083	.3058	.3021	.3045	.3082	120.
130.	.3156		.3057	.3062	.3080	.3120	.3139	.3143	.3134	.3090	.3032	.3109	.3180	130.
150.	.3198	.3122	.3158	.3156	.3166	.3177	.3168	.3190	.3113	.3148	.3236	.3277	.3301	150.
180.	.3300	.3237	.3264	.3287	.3235	.3254	.3282	.3265	.3247	.3226	.3315	.3380	.3426	180.
210.	.3450	.3360	.3398	.3387	.3410	.3404	.3409	.3406	.3338	.3374	.3470	.3521	.3562	210.
230.	.3652		.3548	.3561	.3584	.3601	.3632	.3635	.3618	.3598	.3540	.3616	.3675	230.
240.	.3753	.3723	.3734	.3697	.3704	.3784	.3779	.3781	.3746	.3747	.3718	.3748	.3784	240.
250.	.4154	.4076	.4064	.4044	.4001	.4079	.4102	.4070	.4030	.4013	.3973	.4106	.4113	250.
260.	.4522	.4577	.4483	.4428	.4626	.4496	.4514	.4504	.4487	.4466	.4497	.4530	.4556	260.
270.	.2829	.2780	.2772	.2726	.2697	.2736	.2746	.2755	.2741	.2734	.2712	.2750	.2757	270.
280.	-.0036	.0035	.0009	-.0008	-.0003	.0014	.0010	.0021	.0017	.0031	.0034	.0049	.0045	280.
290.	-.0387	-.0385	-.0390	-.0391	-.0369	-.0361	-.0358	-.0362	-.0370	-.0373	-.0369	-.0370	290.	
300.	-.0477	-.0489	-.0490	-.0501	-.0408	-.0480	-.0477	-.0475	-.0477	-.0485	-.0488	-.0487	-.0491	300.
310.	-.0459		-.0478	-.0484	-.0460	-.0466	-.0462	-.0462	-.0462	-.0476	-.0476	-.0479	-.0491	310.
330.	-.0422	-.0419	-.0426	-.0428	-.0404	-.0409	-.0410	-.0408	-.0336	-.0433	-.0430	-.0433	-.0437	330.

TABLE V. - CONTINUED

(J) MACH = 3.95, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 19.66 DEG								
0.	-.0274	-.0390	-.0505	-.0430	-.0484	-.0437	-.0454	-.0466	-.0481	-.0447	-.0547	-.0553	-.0555	-.0557
30.			-.0364	-.0034	-.0396	-.0289	-.0327	-.0342	-.0348	-.0324	-.0381	-.0388	-.0394	-.0378
50.	-.0245	-.0360	-.0439	-.0481	-.0496	-.0339	-.0447	-.0477	-.0490	-.0462	-.0571	-.0583	-.0589	-.0590
60.				-.0465	-.0453	-.0363	-.0444	-.0472	-.0473	-.0475	-.0568	-.0576	-.0577	-.0579
70.		0.0000	-.0460	-.0479	-.0408	-.0267	-.0435	-.0468	-.0480	-.0338	-.0558	-.0560	-.0564	-.0568
80.			-.0431	-.0400	-.0440	.0286	-.0296	-.0456	-.0465	-.0470	-.0540	-.0538	-.0542	-.0544
90.	.0885	.0800	.0817	.0732	.0733	.0759	.0794	.0773	.0777	.0765	.0745	.0725	.0714	.0716
100.			.3835	.3727	.3730	.3603	.3721	.3708	.3642	.3669	.3603	.3576	.3589	.3624
110.		0.0000	.4261	.4116	.4196	.4160	.4225	.4267	.4269	.4255	.4216	.4163	.4246	.4257
120.				.4223	.4313	.4327	.4385	.4395	.4409	.4438	.4422	.4303	.4428	.4456
130.	.5137	.4329	.4211	.4383	.4380	.4374	.4478	.4493	.4513	.4504	.4560	.4445	.4461	.4545
150.			.4336	.4562	.4510	.4525	.4571	.4593	.4560	.4557	.4677	.4630	.4561	.4627
180.	.5168	.4728	.4795	.4608	.4710	.4668	.4710	.4706	.4657	.4708	.4688	.4763	.4777	.4715
210.			.4634	.4826	.4794	.4785	.4881	.4881	.4854	.4860	.4979	.4900	.4848	.4912
230.	.6090	.5113	.4987	.4863	.4945	.4964	.5072	.5081	.5102	.5093	.5155	.5031	.5059	.5122
240.				.4981	.5080	.5129	.5218	.5229	.5216	.5252	.5268	.5128	.5290	.5286
250.		0.0000	.5451	.5262	.5387	.5377	.5481	.5514	.5529	.5487	.5476	.5427	.5514	.5524
260.			.5590	.5693	.5648	.5538	.5742	.5735	.5709	.5711	.5676	.5616	.5662	.5654
270.	.2900	.2706	.2873	.2469	.2584	.2689	.2770	.2711	.2708	.2667	.2638	.2599	.2577	.2577
280.			-.0128	-.0139	-.0161	.0466	-.0151	-.0174	-.0157	-.0171	-.0196	-.0192	-.0190	-.0186
290.		0.0000	-.0453	-.0453	-.0386	-.0288	-.0446	-.0463	-.0466	-.0295	-.0530	-.0535	-.0531	-.0530
300.				-.0484	-.0453	-.0387	-.0471	-.0494	-.0500	-.0485	-.0570	-.0573	-.0573	-.0577
310.	-.0182	-.0364	-.0468	-.0487	-.0484	-.0379	-.0454	-.0482	-.0481	-.0401	-.0555	-.0555	-.0561	-.0563
330.			-.0453	-.0097	-.0489	-.0463	-.0457	-.0471	-.0478	-.0464	-.0550	-.0554	-.0554	-.0559

TABLE V. - CONTINUED

(J) MACH = 3.95, BETA = 5.01 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 19.66 DEG								
0.	-.0567	-.0570	-.0571	-.0572	-.0556	-.0555	-.0555	-.0557	-.0554	-.0571	-.0570	-.0570	-.0576	0.
30.	-.0381	-.0396	-.0412	-.0413	-.0378	-.0383	-.0385	-.0380	-.0297	-.0404	-.0392	-.0380	-.0373	30.
50.	-.0600		-.0602	-.0609	-.0567	-.0580	-.0583	-.0580	-.0578	-.0591	-.0600	-.0603	-.0607	50.
60.	-.0592	-.0596	-.0590	-.0600	-.0465	-.0571	-.0573	-.0571	-.0571	-.0582	-.0589	-.0594	-.0599	60.
70.	-.0588	-.0594	-.0588	-.0596	-.0600	-.0571	-.0571	-.0573	-.0575	-.0581	-.0586	-.0589	-.0598	70.
80.	-.0520	-.0569	-.0570	-.0579	-.0588	-.0561	-.0559	-.0562	-.0563	-.0547	-.0554	-.0555	-.0562	80.
90.	.0721	.0688	.0683	.0656	.0641	.0665	.0668	.0670	.0668	.0674	.0655	.0663	.0670	90.
100.	.3613	.3678	.3579	.3528	.3709	.3585	.3605	.3571	.3563	.3579	.3589	.3634	.3639	100.
110.	.4224	.4116	.4105	.4124	.4101	.4159	.4187	.4158	.4137	.4134	.4070	.4170	.4205	110.
120.	.4337	.4297	.4262	.4224	.4221	.4301	.4298	.4331	.4295	.4278	.4237	.4255	.4319	120.
130.	.4484		.4336	.4337	.4341	.4365	.4375	.4395	.4387	.4355	.4281	.4383	.4485	130.
150.	.4552	.4457	.4497	.4484	.4476	.4453	.4439	.4474	.4407	.4455	.4567	.4606	.4627	150.
180.	.4687	.4603	.4634	.4656	.4579	.4588	.4604	.4583	.4577	.4548	.4651	.4735	.4799	180.
210.	.4861	.4736	.4782	.4765	.4811	.4801	.4784	.4773	.4693	.4711	.4818	.4876	.4939	210.
230.	.5085		.4929	.4948	.4997	.5019	.5021	.5014	.4986	.4961	.4873	.4957	.5043	230.
240.	.5156	.5127	.5119	.5078	.5127	.5199	.5155	.5147	.5099	.5124	.5055	.5087	.5135	240.
250.	.5534	.5418	.5384	.5391	.5347	.5452	.5450	.5382	.5340	.5338	.5273	.5442	.5454	250.
260.	.5657	.5692	.5566	.5507	.5747	.5597	.5579	.5563	.5540	.5555	.5602	.5625	.5636	260.
270.	.2591	.2559	.2541	.2492	.2446	.2481	.2485	.2484	.2455	.2456	.2444	.2479	.2498	270.
280.	-.0273	-.0225	-.0249	-.0261	-.0262	-.0251	-.0245	-.0238	-.0239	-.0220	-.0226	-.0219	-.0225	280.
290.	-.0557	-.0554	-.0554	-.0556	-.0558	-.0544	-.0532	-.0531	-.0533	-.0539	-.0545	-.0544	-.0548	290.
300.	-.0594	-.0597	-.0599	-.0602	-.0503	-.0592	-.0585	-.0582	-.0581	-.0596	-.0602	-.0602	-.0612	300.
310.	-.0578		-.0587	-.0587	-.0572	-.0576	-.0569	-.0566	-.0566	-.0585	-.0590	-.0592	-.0601	310.
330.	-.0569	-.0569	-.0579	-.0579	-.0569	-.0568	-.0562	-.0560	-.0469	-.0579	-.0579	-.0580	-.0584	330.

TABLE V. - CONTINUED

(K) MACH = 4.50, BETA = -.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.50 DEG								
0.	.1608	.1553	.1363	.1369	.1333	.1259	.1300	.1355	.1361	.1378	.1373	.1403	.1425	.1413
30.			.1340	.1567	.1337	.1301	.1341	.1402	.1393	.1397	.1422	.1415	.1401	.1425
50.	.1623	.1570	.1343	.1393	.1338	.1374	.1431	.1443	.1446	.1461	.1478	.1440	.1450	.1483
60.				.1442	.1443	.1437	.1482	.1506	.1504	.1527	.1537	.1479	.1544	.1560
70.		0.0000	.1606	.1585	.1574	.1592	.1634	.1681	.1698	.1675	.1641	.1628	.1694	.1709
80.			.1931	.1902	.1923	.2199	.2062	.2054	.2045	.2065	.2047	.2033	.2051	.2068
90.	.1990	.2025	.2079	.1974	.1990	.2023	.2061	.2052	.2077	.2066	.2051	.2059	.2056	.2077
100.			.0556	.0514	.0501	.0931	.0537	.0516	.0524	.0537	.0523	.0529	.0531	.0553
110.		0.0000	.0257	.0226	.0196	.0212	.0217	.0191	.0196	.0183	.0176	.0186	.0196	.0194
120.				.0178	.0146	.0138	.0177	.0149	.0146	.0152	.0137	.0121	.0139	.0148
130.	.0412	.0277	.0175	.0160	.0143	.0215	.0180	.0154	.0146	.0147	.0133	.0129	.0133	.0135
150.			.0182	.0549	.0153	.0168	.0172	.0164	.0156	.0157	.0149	.0155	.0156	.0166
180.	.0329	.0261	.0184	.0201	.0157	.0169	.0172	.0161	.0157	.0210	.0150	.0156	.0163	.0167
						FOR ALPHA = -1.50 DEG								
0.	.0999	.0947	.0809	.0811	.0785	.0770	.0764	.0739	.0711	.0749	.0764	.0806	.0827	.0824
30.			.0811	.1065	.0781	.0772	.0780	.0786	.0776	.0793	.0821	.0815	.0806	.0826
50.	.1046	.0970	.0833	.0819	.0806	.0823	.0825	.0832	.0840	.0847	.0842	.0826	.0841	.0862
60.				.0868	.0865	.0817	.0858	.0882	.0888	.0896	.0888	.0861	.0901	.0918
70.		0.0000	.0986	.0987	.0991	.0965	.1031	.1017	.1038	.1031	.1001	.0991	.1021	.1043
80.			.1314	.1312	.1366	.1659	.1440	.1421	.1416	.1433	.1412	.1401	.1409	.1414
90.	.2039	.2075	.2096	.2026	.2031	.2069	.2103	.2097	.2121	.2110	.2096	.2101	.2094	.2116
100.			.0856	.0887	.0936	.1282	.0991	.0975	.0985	.1003	.0986	.0984	.0988	.1002
110.		0.0000	.0583	.0587	.0551	.0596	.0614	.0606	.0621	.0614	.0593	.0590	.0617	.0638
120.				.0494	.0494	.0484	.0500	.0518	.0497	.0501	.0501	.0488	.0520	.0518
130.	.0705	.0613	.0488	.0468	.0469	.0495	.0485	.0474	.0471	.0484	.0459	.0473	.0495	.0515
150.			.0482	.0790	.0449	.0444	.0462	.0454	.0448	.0456	.0470	.0473	.0468	.0487
180.	.0641	.0590	.0489	.0491	.0451	.0443	.0446	.0439	.0425	.0440	.0420	.0448	.0474	.0483
						FOR ALPHA = -.50 DEG								
0.	.0871	.0824	.0700	.0698	.0669	.0654	.0656	.0632	.0604	.0627	.0638	.0682	.0707	.0705
30.			.0699	.0964	.0665	.0654	.0671	.0671	.0656	.0663	.0691	.0694	.0689	.0710
50.	.0927	.0846	.0718	.0697	.0696	.0706	.0707	.0699	.0710	.0716	.0722	.0697	.0719	.0733
60.				.0741	.0729	.0714	.0742	.0741	.0755	.0756	.0751	.0726	.0787	.0785
70.		0.0000	.0851	.0853	.0842	.0844	.0897	.0875	.0895	.0884	.0855	.0852	.0884	.0897
80.			.1158	.1182	.1222	.1535	.1295	.1275	.1270	.1287	.1266	.1259	.1261	.1273
90.	.2049	.2084	.2097	.2028	.2034	.2074	.2107	.2102	.2125	.2113	.2095	.2103	.2093	.2117
100.			.0991	.1032	.1046	.1393	.1123	.1109	.1111	.1131	.1114	.1111	.1114	.1127
110.		0.0000	.0707	.0714	.0683	.0727	.0726	.0724	.0746	.0742	.0714	.0709	.0743	.0771
120.				.0609	.0601	.0589	.0599	.0628	.0615	.0624	.0614	.0595	.0640	.0644
130.	.0804	.0721	.0596	.0574	.0576	.0581	.0583	.0582	.0570	.0592	.0601	.0571	.0579	.0605
150.			.0585	.0871	.0548	.0535	.0554	.0553	.0540	.0542	.0563	.0572	.0567	.0592
180.	.0749	.0699	.0585	.0588	.0550	.0535	.0539	.0525	.0508	.0517	.0513	.0551	.0577	.0585
						FOR ALPHA = .49 DEG								
0.	.0753	.0702	.0598	.0592	.0556	.0544	.0547	.0533	.0510	.0532	.0527	.0563	.0591	.0595
30.			.0588	.0871	.0554	.0544	.0566	.0562	.0547	.0553	.0579	.0581	.0578	.0599
50.	.0819	.0726	.0602	.0580	.0583	.0588	.0590	.0590	.0574	.0606	.0607	.0579	.0591	.0616
60.				.0615	.0607	.0599	.0605	.0644	.0619	.0624	.0625	.0611	.0646	.0647
70.		0.0000	.0716	.0720	.0689	.0747	.0751	.0740	.0759	.0746	.0720	.0717	.0751	.0780
80.			.1008	.1056	.1073	.1415	.1149	.1132	.1130	.1147	.1126	.1121	.1124	.1137
90.	.2051	.2084	.2099	.2029	.2033	.2072	.2107	.2103	.2125	.2112	.2092	.2098	.2087	.2112
100.			.1141	.1152	.1185	.1506	.1263	.1249	.1252	.1272	.1252	.1243	.1249	.1259
110.		0.0000	.0840	.0842	.0828	.0828	.0874	.0851	.0888	.0877	.0847	.0845	.0878	.0894
120.				.0732	.0720	.0692	.0731	.0728	.0755	.0760	.0737	.0719	.0779	.0782
130.	.0915	.0842	.0710	.0690	.0682	.0691	.0704	.0696	.0697	.0713	.0707	.0687	.0705	.0726
150.			.0695	.0966	.0657	.0643	.0657	.0660	.0647	.0656	.0675	.0683	.0680	.0700
180.	.0868	.0821	.0704	.0696	.0659	.0642	.0646	.0628	.0605	.0611	.0620	.0667	.0693	.0695
						FOR ALPHA = 1.50 DEG								
0.	.0645	.0593	.0494	.0495	.0456	.0448	.0452	.0442	.0429	.0455	.0432	.0460	.0484	.0492
30.			.0488	.0789	.0454	.0450	.0469	.0459	.0455	.0466	.0486	.0482	.0475	.0493
50.	.0717	.0616	.0496	.0472	.0473	.0503	.0488	.0474	.0486	.0491	.0468	.0485	.0506	.0514
60.				.0501	.0497	.0489	.0519	.0521	.0503	.0513	.0510	.0500	.0526	.0521
70.		0.0000	.0595	.0596	.0558	.0604	.0619	.0616	.0629	.0621	.0601	.0598	.0624	.0638
80.			.0875	.0907	.0957	.1305	.1011	.0994	.1001	.1016	.0995	.0995	.0997	.1008
90.	.2048	.2082	.2102	.2029	.2035	.2070	.2103	.2099	.2121	.2110	.2087	.2093	.2084	.2108
100.			.1301	.1289	.1337	.1630	.1412	.1397	.1397	.1416	.1390	.1385	.1392	.1399
110.		0.0000	.0980	.0979	.0980	.0952	.1013	.0989	.1027	.1024	.0990	.0981	.1015	.1038
120.				.0860	.0860	.0812	.0851	.0872	.0872	.0891	.0866	.0852	.0896	.0916
130.	.1038	.0973	.0834	.0814	.0797	.0808	.0817	.0817	.0830	.0838	.0833	.0812	.0829	.0857
150.			.0817	.1067	.0776	.0762	.0769	.0766	.0767	.0782	.0809	.0807	.0796	.0817
180.	.1003	.0952	.0816	.0812	.0779	.0762	.0759	.0734	.0712	.0730	.0746	.0791	.0817	.0815
						FOR ALPHA = 2.50 DEG								
0.	.0544	.0494	.0409	.0409	.0369	.0367	.0370	.0361	.0356	.0386	.0354	.0369	.0389	.0400
30.			.0397	.0716	.0367	.0367	.0383	.0377	.0377	.0384	.0390	.0388	.0387	.0401
50.	.0621	.0516	.0399	.0380	.0372	.0411	.0406	.0396	.0394	.0403	.0410	.0386	.0395	.0412
60.				.0412	.0385	.0366	.0433	.0408	.0421	.0419	.0410	.0397	.0414	.0424
70.		0.0000	.0484	.0502	.0462	.0496	.0514	.0499	.0518	.0498	.0493	.0479	.0506	.0521
80.			.0762	.0830	.0844	.1200	.0890	.0868	.0875	.0892	.0872	.0870	.0878	.0890
90.	.2037	.2074	.2095	.2023	.2029	.2062	.2097	.2090	.2112	.2098	.2081	.2085	.2074	.2098
100.			.1454	.1441	.1473	.1753	.1557	.1545	.1545	.1561	.1541	.1528	.1533	.1538
110.		0.0000	.1127	.1111	.1111	.1111	.1135	.1165	.1165	.1166	.1136	.1126	.1167	.1182
120.				.0994	.0984	.0946	.0996	.1005	.1011	.1025	.1018	.0984	.1042	.1044
130.	.1171	.1114	.0953	.0945	.0922	.0921	.0947	.0964	.0962	.0972	.0975	.0948	.0958	.0987
150.			.0936	.1173	.0900	.0874	.0883	.0897	.0902	.0913	.0938	.0937	.0925	.0942
180.	.1146	.1093	.0948	.0935	.0902	.0876	.0865	.0847	.0846	.0876	.0893	.0925	.0945	.0937

TABLE V. - CONTINUED

(K) MACH = 4.50, BETA = -.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.50 DEG								
0.	.1392	.1353	.1353	.1362	.1349	.1348	.1356	.1359	.1328	.1317	.1357	.1400	.1434	0.
30.	.1403	.1356	.1363	.1352	.1376	.1375	.1370	.1383	.1338	.1342	.1384	.1418	.1449	30.
50.	.1461		.1397	.1392	.1417	.1432	.1442	.1457	.1453	.1423	.1393	.1421	.1461	50.
60.	.1497	.1471	.1467	.1448	.1471	.1511	.1512	.1525	.1499	.1481	.1461	.1469	.1493	60.
70.	.1695	.1668	.1664	.1648	.1625	.1673	.1686	.1671	.1642	.1611	.1581	.1640	.1663	70.
80.	.2024	.2083	.2018	.1981	.2075	.2036	.2029	.2027	.2004	.1986	.1997	.2017	.2040	80.
90.	.2089	.2060	.2052	.2020	.2009	.2041	.2044	.2046	.2045	.2008	.1984	.2032	.2019	90.
100.	.0481	.0535	.0503	.0490	.0499	.0535	.0519	.0537	.0507	.0486	.0508	.0510	.0528	100.
110.	.0168	.0172	.0172	.0161	.0141	.0186	.0197	.0195	.0201	.0161	.0160	.0172	.0171	110.
120.	.0110	.0110	.0111	.0104	.0190	.0160	.0160	.0171	.0169	.0137	.0133	.0131	.0141	120.
130.	.0128		.0132	.0136	.0175	.0182	.0186	.0192	.0192	.0150	.0141	.0149	.0160	130.
150.	.0154	.0148	.0151	.0153	.0185	.0188	.0189	.0192	.0215	.0151	.0164	.0171	.0182	150.
180.	.0156	.0150	.0149	.0153	.0170	.0173	.0179	.0183	.0155	.0146	.0161	.0172	.0184	180.
						FOR ALPHA = -1.50 DEG								
0.	.0798	.0771	.0772	.0782	.0799	.0804	.0810	.0817	.0770	.0759	.0786	.0816	.0842	0.
30.	.0801	.0772	.0774	.0772	.0814	.0822	.0820	.0833	.0796	.0779	.0811	.0836	.0861	30.
50.	.0827		.0789	.0795	.0845	.0862	.0875	.0892	.0894	.0848	.0831	.0850	.0879	50.
60.	.0861	.0854	.0850	.0834	.0897	.0925	.0932	.0953	.0940	.0900	.0885	.0886	.0906	60.
70.	.1000	.0980	.0982	.0986	.0982	.1063	.1068	.1079	.1057	.1019	.1006	.1049	.1061	70.
80.	.1362	.1401	.1368	.1327	.1403	.1414	.1422	.1429	.1405	.1387	.1398	.1413	.1441	80.
90.	.2131	.2100	.2102	.2073	.2075	.2114	.2126	.2127	.2128	.2084	.2065	.2111	.2090	90.
100.	.0944	.0991	.0959	.0930	.0981	.0990	.0995	.1002	.0982	.0972	.0974	.0980	.0992	100.
110.	.0609	.0609	.0590	.0590	.0593	.0645	.0638	.0647	.0631	.0605	.0597	.0622	.0634	110.
120.	.0492	.0487	.0499	.0491	.0529	.0540	.0553	.0567	.0558	.0531	.0521	.0519	.0532	120.
130.	.0483		.0469	.0469	.0499	.0516	.0527	.0539	.0540	.0503	.0488	.0502	.0521	130.
150.	.0473	.0455	.0457	.0456	.0485	.0490	.0492	.0500	.0487	.0462	.0487	.0506	.0523	150.
180.	.0473	.0459	.0461	.0466	.0472	.0473	.0481	.0485	.0453	.0445	.0467	.0489	.0506	180.
						FOR ALPHA = -.50 DEG								
0.	.0689	.0664	.0667	.0676	.0666	.0676	.0679	.0689	.0670	.0660	.0683	.0711	.0731	0.
30.	.0692	.0665	.0667	.0667	.0680	.0691	.0687	.0704	.0695	.0677	.0703	.0726	.0745	30.
50.	.0714		.0682	.0685	.0702	.0728	.0738	.0757	.0761	.0741	.0721	.0736	.0757	50.
60.	.0738	.0745	.0726	.0722	.0756	.0781	.0790	.0809	.0800	.0782	.0768	.0764	.0783	60.
70.	.0869	.0852	.0847	.0853	.0854	.0897	.0906	.0917	.0904	.0890	.0886	.0912	.0923	70.
80.	.1222	.1267	.1232	.1197	.1270	.1262	.1268	.1275	.1260	.1262	.1271	.1282	.1304	80.
90.	.2130	.2102	.2101	.2075	.2079	.2119	.2131	.2131	.2135	.2096	.2077	.2124	.2105	90.
100.	.1063	.1111	.1082	.1043	.1107	.1135	.1138	.1140	.1124	.1098	.1107	.1116	.1142	100.
110.	.0711	.0719	.0705	.0698	.0716	.0779	.0786	.0785	.0772	.0730	.0730	.0752	.0764	110.
120.	.0594	.0597	.0611	.0603	.0652	.0673	.0679	.0693	.0681	.0637	.0629	.0629	.0646	120.
130.	.0583		.0562	.0565	.0612	.0632	.0642	.0652	.0655	.0606	.0590	.0602	.0627	130.
150.	.0566	.0547	.0547	.0547	.0591	.0602	.0601	.0608	.0577	.0558	.0580	.0604	.0624	150.
180.	.0565	.0550	.0549	.0558	.0577	.0585	.0588	.0591	.0546	.0539	.0561	.0588	.0608	180.
						FOR ALPHA = .49 DEG								
0.	.0585	.0569	.0570	.0574	.0571	.0577	.0581	.0591	.0554	.0545	.0567	.0591	.0610	0.
30.	.0587	.0566	.0566	.0562	.0583	.0593	.0593	.0606	.0587	.0562	.0585	.0606	.0624	30.
50.	.0603		.0579	.0578	.0602	.0622	.0635	.0652	.0651	.0614	.0596	.0610	.0630	50.
60.	.0615	.0609	.0622	.0616	.0645	.0662	.0671	.0697	.0679	.0649	.0639	.0640	.0651	60.
70.	.0728	.0732	.0720	.0716	.0730	.0769	.0778	.0788	.0771	.0743	.0740	.0770	.0774	70.
80.	.1088	.1134	.1106	.1073	.1132	.1131	.1133	.1144	.1128	.1114	.1128	.1137	.1158	80.
90.	.2127	.2108	.2108	.2082	.2083	.2114	.2127	.2127	.2133	.2095	.2075	.2123	.2104	90.
100.	.1211	.1258	.1223	.1182	.1253	.1251	.1260	.1266	.1247	.1241	.1249	.1257	.1277	100.
110.	.0866	.0852	.0852	.0853	.0849	.0897	.0904	.0906	.0895	.0870	.0873	.0901	.0908	110.
120.	.0738	.0737	.0728	.0718	.0751	.0773	.0786	.0803	.0790	.0768	.0754	.0754	.0769	120.
130.	.0705		.0680	.0684	.0705	.0723	.0734	.0748	.0751	.0728	.0707	.0723	.0749	130.
150.	.0687	.0664	.0665	.0662	.0678	.0686	.0686	.0694	.0680	.0669	.0695	.0718	.0740	150.
180.	.0682	.0661	.0661	.0670	.0660	.0667	.0675	.0680	.0657	.0649	.0673	.0701	.0725	180.
						FOR ALPHA = 1.50 DEG								
0.	.0481	.0468	.0467	.0472	.0479	.0482	.0483	.0491	.0461	.0451	.0472	.0493	.0511	0.
30.	.0478	.0463	.0464	.0462	.0491	.0496	.0494	.0504	.0500	.0467	.0490	.0506	.0525	30.
50.	.0487		.0473	.0470	.0507	.0526	.0534	.0543	.0540	.0511	.0495	.0506	.0529	50.
60.	.0499	.0496	.0497	.0492	.0544	.0549	.0560	.0571	.0563	.0542	.0531	.0528	.0544	60.
70.	.0608	.0613	.0594	.0593	.0591	.0651	.0657	.0657	.0641	.0623	.0610	.0634	.0650	70.
80.	.0958	.1004	.0973	.0943	.0996	.1002	.1007	.1017	.0990	.0989	.0997	.1003	.1019	80.
90.	.2124	.2100	.2101	.2073	.2075	.2110	.2123	.2125	.2129	.2093	.2074	.2121	.2100	90.
100.	.1348	.1395	.1358	.1317	.1390	.1388	.1396	.1406	.1387	.1383	.1391	.1403	.1426	100.
110.	.1000	.0984	.0987	.0984	.0985	.1035	.1043	.1048	.1042	.1017	.1007	.1048	.1057	110.
120.	.0861	.0857	.0847	.0836	.0869	.0901	.0908	.0930	.0922	.0899	.0885	.0886	.0904	120.
130.	.0829		.0790	.0794	.0820	.0838	.0851	.0871	.0879	.0852	.0832	.0850	.0878	130.
150.	.0800	.0772	.0774	.0770	.0793	.0798	.0798	.0810	.0795	.0784	.0814	.0838	.0863	150.
180.	.0795	.0769	.0769	.0778	.0774	.0778	.0786	.0794	.0773	.0764	.0789	.0817	.0843	180.
						FOR ALPHA = 2.50 DEG								
0.	.0395	.0384	.0385	.0389	.0384	.0391	.0392	.0396	.0365	.0357	.0375	.0397	.0415	0.
30.	.0391	.0376	.0377	.0379	.0394	.0405	.0402	.0411	.0408	.0369	.0387	.0407	.0424	30.
50.	.0395		.0377	.0382	.0405	.0423	.0432	.0439	.0439	.0405	.0388	.0400	.0423	50.
60.	.0409	.0388	.0394	.0400	.0440	.0447	.0451	.0464	.0454	.0426	.0418	.0418	.0432	60.
70.	.0495	.0492	.0494	.0483	.0492	.0519	.0538	.0531	.0520	.0498	.0494	.0503	.0524	70.
80.	.0834	.0875	.0858	.0827	.0867	.0884	.0877	.0880	.0866	.0870	.0853	.0865	.0887	80.
90.	.2112	.2094	.2094	.2071	.2072	.2111	.2121	.2122	.2118	.2078	.2056	.2102	.2083	90.
100.	.1500	.1545	.1508	.1470	.1547	.1558	.1566	.1571	.1540	.1516	.1529	.1539	.1560	100.
110.	.1147	.1148	.1123	.1134	.1125	.1193	.1214	.1214	.1195	.1161	.1146	.1186	.1198	110.
120.	.1003	.0989	.0985	.0974	.1007	.1048	.1060	.1076	.1058	.1023	.1011	.1016	.1035	120.
130.	.0968		.0929	.0932	.0967	.0985	.0996	.1015	.1016	.0973	.0949	.0974	.1003	130.
150.	.0929	.0901	.0906	.0905	.0940	.0948	.0944	.0956	.0905	.0899	.0929	.0959	.0982	150.
180.	.0925	.0896	.0899	.0909	.0915	.0921	.0928	.0934	.0887	.0878	.0906	.0940	.0966	180.

TABLE V. - CONTINUED

(K) MACH = 4.50, BETA = -.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 4.50 DEG								
0.	.0385	.0334	.0250	.0265	.0225	.0225	.0226	.0220	.0217	.0266	.0225	.0235	.0242	.0244
30.			.0250	.0599	.0223	.0225	.0229	.0224	.0223	.0230	.0237	.0233	.0238	.0251
50.	.0467	.0349	.0244	.0230	.0221	.0262	.0236	.0222	.0219	.0228	.0216	.0214	.0223	.0230
60.				.0265	.0226	.0216	.0254	.0235	.0223	.0229	.0230	.0207	.0224	.0243
70.		0.0000	.0326	.0329	.0287	.0315	.0303	.0287	.0299	.0288	.0285	.0275	.0292	.0315
80.			.0641	.0598	.0630	.1026	.0659	.0635	.0648	.0652	.0650	.0650	.0660	.0659
90.	.2015	.2049	.2070	.1998	.2014	.2046	.2079	.2066	.2087	.2073	.2057	.2060	.2049	.2071
100.			.1787	.1767	.1735	.2037	.1874	.1867	.1857	.1874	.1851	.1833	.1841	.1847
110.		0.0000	.1450	.1450	.1371	.1433	.1417	.1480	.1486	.1496	.1452	.1450	.1489	.1506
120.				.1312	.1252	.1270	.1298	.1319	.1319	.1341	.1351	.1299	.1348	.1364
130.	.1470	.1421	.1208	.1246	.1199	.1198	.1263	.1262	.1255	.1269	.1290	.1260	.1265	.1295
150.			.1202	.1439	.1197	.1154	.1169	.1205	.1211	.1214	.1236	.1231	.1214	.1237
180.	.1460	.1408	.1232	.1226	.1194	.1131	.1118	.1155	.1176	.1196	.1190	.1216	.1236	.1225
						FOR ALPHA = 9.50 DEG								
0.	.0108	.0037	-.0039	.0008	-.0049	-.0032	-.0025	-.0028	-.0033	.0041	-.0036	-.0030	-.0025	-.0032
30.			-.0033	.0389	-.0064	-.0044	-.0041	-.0050	-.0059	-.0057	-.0071	-.0076	-.0081	-.0081
50.	.0199	.0042	-.0047	-.0068	-.0083	.0015	-.0053	-.0074	-.0082	-.0080	-.0096	-.0108	-.0111	-.0113
60.				-.0085	-.0090	-.0097	-.0076	-.0093	-.0095	-.0097	-.0113	-.0124	-.0121	-.0131
70.		0.0000	-.0034	-.0074	-.0077	-.0047	-.0079	-.0102	-.0094	-.0102	-.0113	-.0118	-.0111	-.0101
80.			.0207	.0223	.0216	.0723	.0212	.0188	.0199	.0206	.0193	.0202	.0204	.0202
90.	.1946	.1952	.1983	.1783	.1886	.1947	.1985	.1968	.1988	.1970	.1945	.1938	.1930	.1942
100.			.2570	.2466	.2581	.2785	.2714	.2709	.2692	.2714	.2678	.2648	.2666	.2679
110.		0.0000	.2308	.2263	.2296	.2314	.2378	.2418	.2453	.2434	.2386	.2359	.2430	.2437
120.				.2149	.2117	.2143	.2236	.2263	.2266	.2296	.2281	.2207	.2286	.2300
130.	.2403	.2297	.2105	.2102	.2065	.2064	.2178	.2200	.2203	.2212	.2227	.2175	.2185	.2223
150.			.2036	.2256	.2025	.2036	.2127	.2138	.2121	.2120	.2162	.2146	.2123	.2152
180.	.2388	.2293	.2074	.2101	.2053	.2029	.2098	.2115	.2088	.2092	.2084	.2119	.2146	.2125
						FOR ALPHA = 14.49 DEG								
0.	-.0070	-.0152	-.0195	-.0132	-.0208	-.0182	-.0171	-.0182	-.0174	-.0089	-.0195	-.0198	-.0198	-.0201
30.			-.0222	.0266	-.0255	-.0227	-.0238	-.0254	-.0264	-.0259	-.0276	-.0282	-.0287	-.0297
50.	.0036	-.0151	-.0232	-.0246	-.0260	-.0130	-.0231	-.0255	-.0261	-.0260	-.0275	-.0278	-.0284	-.0287
60.				-.0253	-.0261	-.0262	-.0241	-.0264	-.0266	-.0268	-.0284	-.0287	-.0287	-.0292
70.		0.0000	-.0227	-.0248	-.0262	-.0202	-.0250	-.0280	-.0271	-.0287	-.0291	-.0292	-.0290	-.0292
80.			.0034	-.0012	-.0028	.0578	-.0043	-.0062	-.0051	-.0051	-.0060	-.0056	-.0056	-.0054
90.	.1845	.1829	.2029	.1680	.1722	.1804	.1871	.1842	.1854	.1830	.1802	.1784	.1771	.1780
100.			.3495	.3421	.3543	.3653	.3631	.3624	.3598	.3624	.3583	.3550	.3576	.3591
110.		0.0000	.3332	.3322	.3407	.3405	.3483	.3531	.3556	.3539	.3504	.3462	.3541	.3547
120.				.3153	.3253	.3290	.3372	.3397	.3406	.3436	.3441	.3333	.3437	.3452
130.	.3580	.3394	.3191	.3159	.3175	.3212	.3323	.3342	.3364	.3368	.3408	.3326	.3340	.3387
150.			.3126	.3227	.3158	.3227	.3266	.3273	.3268	.3272	.3349	.3311	.3275	.3310
180.	.3564	.3391	.3176	.3198	.3172	.3255	.3242	.3252	.3232	.3238	.3235	.3291	.3319	.3277
						FOR ALPHA = 19.50 DEG								
0.	-.0184	-.0264	-.0309	-.0217	-.0313	-.0281	-.0275	-.0272	-.0285	-.0186	-.0305	-.0305	-.0300	-.0309
30.			-.0334	.0210	-.0362	-.0336	-.0345	-.0351	-.0361	-.0358	-.0379	-.0382	-.0384	-.0398
50.	-.0073	-.0264	-.0337	-.0344	-.0361	-.0220	-.0328	-.0350	-.0357	-.0357	-.0376	-.0375	-.0382	-.0386
60.				-.0347	-.0355	-.0353	-.0337	-.0360	-.0358	-.0363	-.0380	-.0382	-.0382	-.0386
70.		0.0000	-.0330	-.0339	-.0349	-.0274	-.0340	-.0370	-.0357	-.0376	-.0382	-.0382	-.0381	-.0382
80.			-.0130	-.0151	-.0151	.0515	-.0178	-.0197	-.0186	-.0193	-.0205	-.0198	-.0200	-.0200
90.	.1734	.1712	.1832	.1546	.1610	.1667	.1735	.1711	.1714	.1691	.1669	.1645	.1633	.1638
100.			.4554	.4514	.4551	.4604	.4616	.4610	.4568	.4589	.4533	.4502	.4550	.4579
110.		0.0000	.4618	.4507	.4645	.4656	.4745	.4804	.4812	.4798	.4753	.4718	.4813	.4833
120.				.4466	.4603	.4619	.4705	.4725	.4730	.4772	.4776	.4658	.4809	.4828
130.	.4939	.4734	.4495	.4485	.4564	.4543	.4675	.4689	.4702	.4724	.4790	.4686	.4713	.4804
150.			.4418	.4530	.4589	.4541	.4617	.4639	.4620	.4631	.4749	.4709	.4667	.4733
180.	.4963	.4732	.4576	.4426	.4679	.4539	.4610	.4627	.4582	.4615	.4615	.4699	.4729	.4688

TABLE V. - CONTINUED

(K) MACH = 4.50, BETA = -.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 4.50 DEG								
0.	.0222	.0216	.0215	.0219	.0225	.0238	.0242	.0247	.0219	.0213	.0228	.0245	.0261	0.
30.	.0223	.0213	.0213	.0213	.0236	.0248	.0250	.0258	.0271	.0217	.0234	.0246	.0262	30.
50.	.0203		.0209	.0212	.0236	.0253	.0259	.0268	.0268	.0229	.0222	.0228	.0248	50.
60.	.0197	.0194	.0198	.0184	.0256	.0236	.0255	.0263	.0260	.0232	.0226	.0229	.0237	60.
70.	.0278	.0268	.0280	.0243	.0259	.0300	.0305	.0323	.0295	.0281	.0267	.0285	.0299	70.
80.	.0600	.0646	.0630	.0590	.0635	.0650	.0654	.0648	.0636	.0636	.0649	.0632	.0655	80.
90.	.2088	.2055	.2053	.2030	.2034	.2077	.2089	.2092	.2093	.2047	.2023	.2064	.2050	90.
100.	.1803	.1844	.1801	.1760	.1853	.1864	.1878	.1885	.1857	.1823	.1834	.1847	.1874	100.
110.	.1475	.1456	.1455	.1445	.1442	.1501	.1521	.1522	.1495	.1453	.1439	.1490	.1509	110.
120.	.1298	.1274	.1274	.1261	.1298	.1343	.1350	.1365	.1352	.1314	.1304	.1310	.1333	120.
130.	.1265		.1209	.1212	.1250	.1271	.1282	.1300	.1306	.1260	.1236	.1262	.1300	130.
150.	.1211	.1174	.1181	.1179	.1216	.1224	.1222	.1239	.1181	.1185	.1223	.1253	.1282	150.
180.	.1201	.1168	.1173	.1185	.1189	.1200	.1209	.1217	.1171	.1158	.1194	.1232	.1262	180.
						FOR ALPHA = 9.50 DEG								
0.	-.0058	-.0063	-.0065	-.0064	-.0024	-.0019	-.0012	-.0013	-.0041	-.0053	-.0040	-.0026	-.0016	0.
30.	-.0102	-.0097	-.0099	-.0095	-.0043	-.0036	-.0030	-.0023	.0029	-.0065	-.0055	-.0050	-.0044	30.
50.	-.0146		-.0150	-.0152	-.0097	-.0100	-.0090	-.0079	-.0071	-.0106	-.0114	-.0096	-.0094	50.
60.	-.0166	-.0170	-.0171	-.0180	-.0057	-.0131	-.0133	-.0132	-.0132	-.0176	-.0182	-.0181	-.0178	60.
70.	-.0142	-.0145	-.0136	-.0147	-.0155	-.0080	-.0073	-.0098	-.0092	-.0109	-.0139	-.0116	-.0105	70.
80.	.0148	.0165	.0153	.0139	.0153	.0195	.0208	.0190	.0193	.0193	.0166	.0207	.0191	80.
90.	.1954	.1908	.1907	.1878	.1871	.1931	.1947	.1950	.1953	.1908	.1875	.1906	.1907	90.
100.	.2628	.2678	.2602	.2568	.2709	.2693	.2706	.2698	.2681	.2618	.2637	.2655	.2675	100.
110.	.2412	.2359	.2344	.2332	.2309	.2400	.2433	.2409	.2385	.2341	.2310	.2383	.2407	110.
120.	.2204	.2173	.2167	.2140	.2186	.2248	.2250	.2257	.2234	.2207	.2187	.2197	.2231	120.
130.	.2178		.2087	.2083	.2138	.2162	.2179	.2186	.2186	.2141	.2107	.2147	.2201	130.
150.	.2107	.2049	.2056	.2045	.2095	.2099	.2095	.2106	.2025	.2049	.2111	.2154	.2194	150.
180.	.2093	.2038	.2046	.2059	.2057	.2067	.2082	.2074	.2032	.2016	.2073	.2128	.2170	180.
						FOR ALPHA = 14.49 DEG								
0.	-.0216	-.0219	-.0224	-.0224	-.0210	-.0206	-.0206	-.0201	-.0194	-.0209	-.0196	-.0186	-.0182	0.
30.	-.0312	-.0304	-.0315	-.0321	-.0295	-.0293	-.0291	-.0290	-.0161	-.0296	-.0297	-.0303	-.0308	30.
50.	-.0308		-.0310	-.0319	-.0293	-.0297	-.0296	-.0295	-.0297	-.0302	-.0308	-.0311	-.0318	50.
60.	-.0315	-.0317	-.0315	-.0324	-.0202	-.0304	-.0304	-.0301	-.0306	-.0309	-.0314	-.0317	-.0331	60.
70.	-.0331	-.0328	-.0321	-.0330	-.0331	-.0307	-.0304	-.0303	-.0310	-.0302	-.0307	-.0307	-.0313	70.
80.	-.0092	-.0086	-.0100	-.0113	-.0115	-.0093	-.0095	-.0092	-.0093	-.0070	-.0075	-.0065	-.0072	80.
90.	.1789	.1752	.1745	.1717	.1693	.1728	.1736	.1739	.1729	.1714	.1696	.1720	.1723	90.
100.	.3540	.3593	.3501	.3475	.3653	.3578	.3581	.3570	.3544	.3491	.3514	.3537	.3560	100.
110.	.3514	.3428	.3409	.3413	.3383	.3472	.3501	.3473	.3446	.3406	.3354	.3452	.3484	110.
120.	.3332	.3293	.3273	.3237	.3260	.3340	.3341	.3362	.3325	.3303	.3270	.3293	.3340	120.
130.	.3326		.3200	.3204	.3238	.3255	.3272	.3295	.3287	.3240	.3187	.3254	.3324	130.
150.	.3246	.3161	.3184	.3181	.3211	.3199	.3178	.3196	.3104	.3139	.3225	.3284	.3322	150.
180.	.3232	.3155	.3179	.3191	.3160	.3150	.3173	.3167	.3126	.3105	.3184	.3261	.3317	180.
						FOR ALPHA = 19.50 DEG								
0.	-.0332	-.0332	-.0322	-.0315	-.0299	-.0301	-.0301	-.0301	-.0303	-.0317	-.0304	-.0293	-.0291	0.
30.	-.0421	-.0411	-.0419	-.0421	-.0390	-.0389	-.0385	-.0383	-.0255	-.0400	-.0400	-.0402	-.0406	30.
50.	-.0416		-.0415	-.0419	-.0385	-.0392	-.0386	-.0384	-.0388	-.0400	-.0404	-.0403	-.0402	50.
60.	-.0416	-.0419	-.0413	-.0421	-.0278	-.0393	-.0389	-.0385	-.0391	-.0400	-.0403	-.0401	-.0402	60.
70.	-.0429	-.0430	-.0419	-.0424	-.0425	-.0396	-.0390	-.0389	-.0396	-.0397	-.0400	-.0399	-.0400	70.
80.	-.0233	-.0249	-.0258	-.0267	-.0270	-.0239	-.0240	-.0238	-.0238	-.0219	-.0225	-.0221	-.0227	80.
90.	.1640	.1584	.1579	.1549	.1520	.1560	.1569	.1568	.1555	.1539	.1519	.1546	.1554	90.
100.	.4570	.4629	.4531	.4466	.4667	.4542	.4556	.4529	.4506	.4455	.4480	.4508	.4528	100.
110.	.4813	.4724	.4718	.4734	.4690	.4763	.4777	.4730	.4698	.4649	.4573	.4693	.4722	110.
120.	.4689	.4662	.4641	.4597	.4636	.4722	.4694	.4691	.4640	.4599	.4558	.4576	.4624	120.
130.	.4731		.4580	.4573	.4616	.4637	.4660	.4656	.4625	.4557	.4482	.4566	.4657	130.
150.	.4662	.4564	.4592	.4568	.4588	.4568	.4549	.4557	.4432	.4462	.4567	.4625	.4675	150.
180.	.4638	.4564	.4596	.4596	.4540	.4540	.4551	.4517	.4457	.4419	.4514	.4593	.4665	180.

TABLE V. - CONTINUED

(L) MACH = 4.50, BETA = 5.01 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -1.50 DEG								
0.	.0959	.0919	.0796	.0790	.0760	.0752	.0761	.0770	.0747	.0778	.0762	.0781	.0793	.0787
30.			.0792	.1033	.0730	.0714	.0721	.0718	.0716	.0736	.0756	.0766	.0761	.0778
50.	.0961	.0919	.0773	.0756	.0731	.0733	.0728	.0713	.0715	.0742	.0761	.0745	.0756	.0785
60.				.0759	.0741	.0734	.0759	.0759	.0754	.0748	.0730	.0725	.0780	.0801
70.		0.0000	.0811	.0807	.0801	.0789	.0815	.0801	.0798	.0802	.0783	.0780	.0795	.0815
80.			.0973	.0984	.0925	.1289	.0994	.0980	.0978	.0989	.0971	.0962	.0971	.0976
90.	.1251	.1250	.1283	.1218	.1185	.1210	.1249	.1243	.1258	.1251	.1233	.1234	.1225	.1241
100.			.0635	.0628	.0629	.1027	.0670	.0649	.0651	.0660	.0639	.0629	.0636	.0640
110.		0.0000	.0495	.0518	.0482	.0493	.0509	.0493	.0505	.0504	.0484	.0470	.0487	.0493
120.				.0461	.0448	.0446	.0471	.0435	.0457	.0472	.0458	.0441	.0472	.0480
130.	.0645	.0583	.0471	.0454	.0440	.0472	.0464	.0441	.0432	.0448	.0463	.0451	.0462	.0482
150.			.0478	.0778	.0437	.0439	.0449	.0439	.0428	.0438	.0444	.0459	.0460	.0480
180.	.0623	.0571	.0478	.0475	.0444	.0445	.0466	.0459	.0438	.0471	.0440	.0453	.0467	.0471
210.			.0490	.0783	.0471	.0469	.0472	.0475	.0464	.0480	.0452	.0474	.0485	.0497
230.	.0810	.0642	.0549	.0530	.0500	.0505	.0549	.0517	.0504	.0513	.0511	.0501	.0510	.0518
240.				.0620	.0577	.0598	.0591	.0586	.0589	.0587	.0599	.0571	.0599	.0615
250.		0.0000	.0864	.0848	.0816	.0783	.0799	.0792	.0823	.0804	.0784	.0782	.0812	.0824
260.			.1280	.1418	.1399	.1686	.1472	.1451	.1455	.1477	.1456	.1453	.1458	.1477
270.	.3117	.3168	.3007	.3177	.3143	.3165	.3199	.3186	.3214	.3195	.3170	.3176	.3162	.3190
280.			.1686	.1793	.1881	.2116	.1951	.1940	.1938	.1963	.1938	.1929	.1931	.1942
290.		0.0000	.1234	.1188	.1156	.1210	.1248	.1255	.1273	.1266	.1234	.1220	.1276	.1283
300.				.1022	.0977	.0930	.0984	.0995	.0997	.1007	.1018	.0991	.1042	.1047
310.	.1186	.1022	.0930	.0888	.0894	.0873	.0886	.0909	.0914	.0924	.0921	.0905	.0917	.0940
330.			.0805	.1076	.0818	.0802	.0814	.0810	.0820	.0838	.0849	.0838	.0833	.0853
						FOR ALPHA = -.50 DEG								
0.	.0835	.0791	.0681	.0672	.0647	.0632	.0649	.0652	.0631	.0668	.0645	.0660	.0671	.0672
30.			.0678	.0938	.0625	.0609	.0619	.0613	.0605	.0612	.0638	.0650	.0650	.0673
50.	.0849	.0798	.0666	.0645	.0625	.0639	.0630	.0613	.0605	.0623	.0651	.0642	.0650	.0678
60.				.0650	.0634	.0626	.0655	.0650	.0633	.0640	.0645	.0625	.0661	.0680
70.		0.0000	.0704	.0707	.0681	.0695	.0698	.0687	.0696	.0709	.0672	.0670	.0691	.0701
80.			.0857	.0884	.0839	.1205	.0875	.0869	.0864	.0877	.0856	.0850	.0857	.0866
90.	.1252	.1250	.1288	.1219	.1182	.1212	.1248	.1246	.1262	.1258	.1237	.1240	.1229	.1246
100.			.0731	.0742	.0706	.1102	.0763	.0754	.0757	.0765	.0742	.0735	.0739	.0744
110.		0.0000	.0589	.0599	.0569	.0585	.0586	.0592	.0604	.0596	.0573	.0563	.0582	.0595
120.				.0544	.0532	.0525	.0559	.0551	.0544	.0555	.0545	.0522	.0559	.0580
130.	.0730	.0675	.0556	.0541	.0525	.0541	.0541	.0524	.0513	.0533	.0551	.0542	.0550	.0573
150.			.0566	.0849	.0523	.0514	.0528	.0523	.0513	.0528	.0535	.0548	.0547	.0570
180.	.0726	.0675	.0571	.0568	.0540	.0528	.0555	.0551	.0540	.0563	.0539	.0550	.0560	.0561
210.			.0592	.0871	.0576	.0566	.0577	.0571	.0575	.0593	.0594	.0587	.0578	.0593
230.	.0934	.0761	.0666	.0645	.0621	.0617	.0616	.0629	.0637	.0649	.0636	.0608	.0643	.0653
240.				.0749	.0708	.0677	.0697	.0718	.0710	.0710	.0721	.0687	.0720	.0727
250.		0.0000	.0979	.0975	.0903	.0919	.0935	.0931	.0955	.0941	.0911	.0932	.0959	.0970
260.			.1395	.1514	.1555	.1821	.1612	.1600	.1598	.1623	.1601	.1598	.1604	.1618
270.	.3126	.3178	.3002	.3177	.3147	.3173	.3203	.3190	.3218	.3196	.3171	.3177	.3163	.3192
280.			.1526	.1663	.1719	.1966	.1785	.1775	.1774	.1793	.1773	.1767	.1774	.1785
290.		0.0000	.1099	.1099	.1044	.1044	.1096	.1089	.1111	.1105	.1076	.1067	.1098	.1131
300.				.0883	.0849	.0780	.0841	.0855	.0847	.0853	.0873	.0846	.0892	.0902
310.	.1048	.0883	.0787	.0757	.0749	.0749	.0732	.0762	.0763	.0775	.0777	.0765	.0785	.0807
330.			.0689	.0966	.0689	.0684	.0696	.0684	.0694	.0703	.0720	.0712	.0710	.0728
						FOR ALPHA = .50 DEG								
0.	.0726	.0677	.0574	.0567	.0539	.0531	.0552	.0546	.0536	.0572	.0542	.0553	.0565	.0564
30.			.0572	.0852	.0524	.0519	.0526	.0519	.0511	.0519	.0545	.0559	.0558	.0577
50.	.0747	.0689	.0566	.0544	.0525	.0555	.0540	.0523	.0516	.0531	.0559	.0548	.0558	.0583
60.				.0552	.0536	.0528	.0556	.0553	.0544	.0546	.0550	.0534	.0572	.0588
70.		0.0000	.0598	.0615	.0573	.0590	.0588	.0601	.0598	.0594	.0578	.0573	.0592	.0606
80.			.0748	.0755	.0727	.1116	.0772	.0759	.0757	.0765	.0753	.0745	.0754	.0761
90.	.1252	.1250	.1287	.1217	.1181	.1210	.1249	.1248	.1263	.1259	.1240	.1242	.1234	.1248
100.			.0843	.0871	.0811	.1189	.0877	.0870	.0870	.0884	.0857	.0849	.0855	.0860
110.		0.0000	.0695	.0691	.0681	.0682	.0705	.0684	.0701	.0720	.0684	.0670	.0698	.0709
120.				.0644	.0629	.0624	.0662	.0658	.0647	.0651	.0645	.0632	.0674	.0692
130.	.0838	.0791	.0663	.0644	.0623	.0634	.0639	.0618	.0613	.0632	.0654	.0650	.0660	.0685
150.			.0681	.0938	.0622	.0614	.0628	.0625	.0618	.0633	.0643	.0654	.0652	.0678
180.	.0839	.0795	.0687	.0677	.0650	.0643	.0661	.0663	.0644	.0666	.0650	.0665	.0675	.0673
210.			.0696	.0975	.0697	.0697	.0703	.0688	.0702	.0709	.0722	.0711	.0709	.0726
230.	.1053	.0892	.0794	.0763	.0756	.0757	.0739	.0760	.0767	.0782	.0777	.0760	.0780	.0801
240.				.0891	.0853	.0772	.0848	.0858	.0854	.0855	.0870	.0840	.0886	.0894
250.		0.0000	.1104	.1100	.1038	.1041	.1104	.1087	.1115	.1106	.1074	.1062	.1093	.1123
260.			.1533	.1661	.1716	.1965	.1788	.1771	.1774	.1791	.1765	.1757	.1762	.1774
270.	.3130	.3182	.2995	.3180	.3150	.3174	.3211	.3196	.3227	.3200	.3175	.3179	.3165	.3193
280.			.1397	.1520	.1563	.1830	.1632	.1613	.1614	.1640	.1621	.1616	.1620	.1632
290.		0.0000	.0979	.0972	.0908	.0923	.0948	.0939	.0968	.0954	.0926	.0944	.0971	.0983
300.				.0745	.0707	.0678	.0706	.0724	.0718	.0717	.0731	.0693	.0732	.0740
310.	.0928	.0759	.0663	.0640	.0619	.0625	.0625	.0630	.0643	.0653	.0643	.0612	.0649	.0658
330.			.0586	.0865	.0571	.0571	.0580	.0573	.0578	.0594	.0598	.0588	.0582	.0595

TABLE V. - CONTINUED

(L) MACH = 4.50, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -1.50 DEG								
0.	.0767	.0747	.0752	.0764	.0702	.0732	.0752	.0767	.0767	.0757	.0784	.0809	.0833	0.
30.	.0758	.0733	.0735	.0733	.0610	.0644	.0669	.0699	.0754	.0733	.0762	.0779	.0796	30.
50.	.0768		.0725	.0724	.0570	.0647	.0675	.0712	.0723	.0749	.0731	.0744	.0768	50.
60.	.0760	.0748	.0743	.0733	.0594	.0665	.0690	.0727	.0732	.0765	.0757	.0760	.0771	60.
70.	.0806	.0807	.0802	.0801	.0795	.0717	.0753	.0773	.0773	.0809	.0799	.0835	.0850	70.
80.	.0954	.0974	.0950	.0922	.0977	.0845	.0890	.0918	.0915	.0969	.0976	.0993	.1013	80.
90.	.1249	.1224	.1224	.1205	.1204	.1175	.1201	.1216	.1228	.1226	.1213	.1245	.1231	90.
100.	.0613	.0623	.0612	.0587	.0622	.0655	.0658	.0671	.0650	.0621	.0632	.0639	.0650	100.
110.	.0465	.0462	.0462	.0459	.0464	.0519	.0529	.0538	.0528	.0488	.0482	.0507	.0520	110.
120.	.0447	.0436	.0438	.0427	.0494	.0486	.0491	.0504	.0496	.0454	.0446	.0447	.0458	120.
130.	.0457		.0430	.0423	.0464	.0469	.0477	.0487	.0487	.0441	.0427	.0436	.0456	130.
150.	.0458	.0440	.0445	.0439	.0474	.0473	.0471	.0479	.0462	.0425	.0445	.0458	.0472	150.
180.	.0458	.0447	.0454	.0459	.0473	.0478	.0484	.0487	.0443	.0432	.0453	.0473	.0492	180.
210.	.0486	.0467	.0483	.0477	.0503	.0510	.0513	.0524	.0493	.0465	.0489	.0511	.0531	210.
230.	.0512		.0495	.0491	.0542	.0560	.0565	.0570	.0573	.0536	.0525	.0542	.0562	230.
240.	.0555	.0553	.0574	.0563	.0581	.0601	.0618	.0631	.0628	.0593	.0590	.0595	.0615	240.
250.	.0792	.0815	.0812	.0791	.0790	.0837	.0839	.0849	.0834	.0800	.0804	.0830	.0844	250.
260.	.1395	.1466	.1420	.1380	.1440	.1453	.1454	.1483	.1443	.1440	.1456	.1474	.1489	260.
270.	.3205	.3166	.3163	.3132	.3137	.3190	.3217	.3231	.3239	.3194	.3176	.3232	.3195	270.
280.	.1858	.1922	.1866	.1820	.1905	.1907	.1909	.1938	.1912	.1909	.1919	.1945	.1971	280.
290.	.1235	.1229	.1223	.1227	.1221	.1285	.1301	.1307	.1300	.1256	.1240	.1291	.1310	290.
300.	.0989	.0976	.0976	.0955	.0994	.1036	.1048	.1058	.1051	.1013	.1001	.1007	.1026	300.
310.	.0902		.0869	.0874	.0916	.0932	.0948	.0954	.0961	.0918	.0901	.0923	.0951	310.
330.	.0817	.0786	.0795	.0797	.0839	.0854	.0857	.0862	.0817	.0807	.0838	.0869	.0898	330.
						FOR ALPHA = -.50 DEG								
0.	.0658	.0642	.0648	.0657	.0643	.0658	.0672	.0680	.0653	.0645	.0665	.0691	.0712	0.
30.	.0649	.0627	.0630	.0629	.0609	.0634	.0639	.0659	.0657	.0627	.0649	.0669	.0686	30.
50.	.0652		.0616	.0616	.0597	.0629	.0647	.0670	.0678	.0645	.0624	.0641	.0665	50.
60.	.0642	.0634	.0630	.0624	.0627	.0645	.0664	.0687	.0686	.0660	.0649	.0654	.0670	60.
70.	.0677	.0685	.0677	.0679	.0681	.0693	.0723	.0733	.0729	.0701	.0693	.0722	.0742	70.
80.	.0839	.0857	.0832	.0809	.0855	.0834	.0862	.0881	.0872	.0854	.0865	.0878	.0902	80.
90.	.1254	.1226	.1225	.1206	.1209	.1222	.1245	.1254	.1262	.1234	.1222	.1252	.1242	90.
100.	.0711	.0728	.0712	.0687	.0730	.0736	.0753	.0758	.0742	.0723	.0734	.0748	.0763	100.
110.	.0569	.0562	.0570	.0562	.0567	.0597	.0617	.0616	.0607	.0579	.0570	.0597	.0616	110.
120.	.0538	.0527	.0527	.0517	.0553	.0555	.0564	.0573	.0566	.0540	.0533	.0536	.0550	120.
130.	.0550		.0515	.0513	.0531	.0539	.0551	.0561	.0561	.0527	.0513	.0525	.0546	130.
150.	.0549	.0528	.0531	.0530	.0544	.0544	.0544	.0552	.0540	.0514	.0536	.0551	.0566	150.
180.	.0546	.0533	.0538	.0550	.0543	.0556	.0564	.0566	.0541	.0528	.0548	.0571	.0590	180.
210.	.0571	.0552	.0562	.0572	.0578	.0600	.0605	.0604	.0593	.0568	.0594	.0617	.0640	210.
230.	.0633		.0614	.0624	.0628	.0661	.0673	.0673	.0676	.0651	.0641	.0654	.0682	230.
240.	.0696	.0682	.0677	.0676	.0673	.0717	.0737	.0745	.0743	.0726	.0726	.0733	.0754	240.
250.	.0933	.0924	.0923	.0902	.0911	.0955	.0965	.0967	.0969	.0944	.0938	.0974	.0995	250.
260.	.1524	.1598	.1549	.1504	.1580	.1577	.1582	.1602	.1586	.1587	.1595	.1628	.1642	260.
270.	.3205	.3170	.3171	.3136	.3142	.3181	.3207	.3218	.3229	.3197	.3182	.3242	.3204	270.
280.	.1712	.1779	.1729	.1681	.1750	.1748	.1746	.1768	.1749	.1754	.1762	.1792	.1816	280.
290.	.1091	.1102	.1080	.1075	.1075	.1127	.1139	.1147	.1124	.1110	.1097	.1127	.1157	290.
300.	.0855	.0845	.0840	.0833	.0859	.0877	.0885	.0919	.0905	.0871	.0862	.0865	.0887	300.
310.	.0779		.0746	.0747	.0779	.0794	.0803	.0816	.0818	.0783	.0770	.0788	.0818	310.
330.	.0705	.0678	.0684	.0682	.0712	.0723	.0723	.0730	.0704	.0688	.0715	.0742	.0767	330.
						FOR ALPHA = .50 DEG								
0.	.0553	.0536	.0538	.0548	.0545	.0561	.0570	.0574	.0546	.0537	.0559	.0580	.0598	0.
30.	.0561	.0538	.0538	.0536	.0528	.0537	.0542	.0552	.0565	.0527	.0551	.0566	.0581	30.
50.	.0563		.0525	.0524	.0517	.0537	.0554	.0565	.0567	.0542	.0530	.0540	.0560	50.
60.	.0552	.0538	.0536	.0530	.0546	.0555	.0570	.0582	.0577	.0560	.0552	.0553	.0566	60.
70.	.0584	.0578	.0582	.0575	.0579	.0600	.0626	.0626	.0620	.0602	.0593	.0620	.0632	70.
80.	.0741	.0754	.0735	.0707	.0747	.0738	.0759	.0768	.0753	.0746	.0757	.0772	.0782	80.
90.	.1258	.1234	.1235	.1213	.1215	.1230	.1249	.1251	.1257	.1232	.1221	.1254	.1241	90.
100.	.0831	.0850	.0829	.0804	.0851	.0857	.0867	.0872	.0853	.0832	.0841	.0857	.0876	100.
110.	.0681	.0686	.0684	.0682	.0677	.0717	.0727	.0721	.0708	.0678	.0670	.0703	.0720	110.
120.	.0651	.0639	.0639	.0627	.0649	.0664	.0669	.0676	.0666	.0639	.0629	.0633	.0649	120.
130.	.0664		.0627	.0622	.0628	.0648	.0654	.0660	.0659	.0628	.0610	.0624	.0649	130.
150.	.0659	.0638	.0642	.0640	.0643	.0654	.0649	.0655	.0636	.0616	.0639	.0656	.0670	150.
180.	.0661	.0645	.0655	.0665	.0669	.0678	.0687	.0689	.0650	.0638	.0657	.0680	.0700	180.
210.	.0700	.0670	.0682	.0683	.0729	.0740	.0741	.0746	.0702	.0685	.0709	.0736	.0758	210.
230.	.0768		.0740	.0743	.0790	.0811	.0819	.0826	.0823	.0776	.0758	.0780	.0808	230.
240.	.0843	.0833	.0831	.0825	.0868	.0892	.0898	.0924	.0903	.0866	.0855	.0860	.0880	240.
250.	.1085	.1087	.1066	.1065	.1076	.1137	.1146	.1156	.1135	.1109	.1090	.1123	.1148	250.
260.	.1693	.1760	.1701	.1662	.1744	.1762	.1762	.1784	.1758	.1751	.1753	.1790	.1805	260.
270.	.3205	.3174	.3170	.3139	.3140	.3200	.3223	.3233	.3242	.3200	.3181	.3246	.3205	270.
280.	.1553	.1624	.1572	.1524	.1589	.1602	.1597	.1625	.1603	.1599	.1605	.1640	.1651	280.
290.	.0949	.0937	.0940	.0915	.0918	.0985	.0987	.0994	.0987	.0949	.0944	.0979	.1001	290.
300.	.0709	.0695	.0684	.0680	.0709	.0745	.0755	.0771	.0770	.0735	.0729	.0736	.0753	300.
310.	.0646		.0617	.0627	.0660	.0680	.0692	.0697	.0696	.0658	.0644	.0658	.0682	310.
330.	.0578	.0552	.0562	.0569	.0602	.0617	.0618	.0625	.0595	.0572	.0595	.0620	.0640	330.

TABLE V. - CONTINUED

(L) MACH = 4.50, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.50 DEG								
0.	.0528	.0472	.0392	.0385	.0353	.0353	.0368	.0367	.0356	.0403	.0357	.0368	.0379	.0382
30.			.0386	.0704	.0349	.0351	.0358	.0351	.0344	.0353	.0368	.0379	.0381	.0398
50.	.0559	.0492	.0382	.0367	.0352	.0399	.0371	.0353	.0350	.0366	.0385	.0374	.0384	.0405
60.				.0372	.0358	.0362	.0374	.0359	.0354	.0381	.0381	.0367	.0400	.0407
70.		0.0000	.0397	.0419	.0392	.0399	.0411	.0400	.0401	.0404	.0388	.0386	.0398	.0414
80.			.0532	.0526	.0529	.0953	.0557	.0542	.0542	.0550	.0542	.0535	.0541	.0551
90.	.1225	.1223	.1258	.1185	.1161	.1187	.1228	.1225	.1241	.1237	.1222	.1223	.1213	.1230
100.			.1071	.1012	.1044	.1339	.1120	.1094	.1096	.1113	.1091	.1078	.1084	.1086
110.		0.0000	.0905	.0906	.0913	.0899	.0910	.0929	.0931	.0918	.0908	.0930	.0952	.0954
120.				.0877	.0856	.0835	.0862	.0866	.0881	.0901	.0892	.0863	.0923	.0944
130.	.1074	.1038	.0888	.0870	.0842	.0828	.0831	.0817	.0836	.0880	.0912	.0889	.0896	.0923
150.			.0917	.1131	.0846	.0825	.0839	.0853	.0864	.0873	.0890	.0906	.0901	.0919
180.	.1094	.1057	.0925	.0918	.0886	.0888	.0906	.0902	.0887	.0901	.0891	.0910	.0928	.0921
210.			.0937	.1200	.0952	.0944	.0975	.0947	.0956	.0964	.0981	.0968	.0966	.0982
230.	.1326	.1173	.1083	.1034	.1065	.1015	.1022	.1045	.1054	.1055	.1067	.1039	.1062	.1077
240.				.1164	.1115	.1094	.1150	.1142	.1143	.1161	.1162	.1126	.1179	.1188
250.		0.0000	.1387	.1317	.1337	.1376	.1418	.1417	.1439	.1423	.1393	.1383	.1416	.1438
260.			.1872	.1985	.2046	.2270	.2125	.2108	.2102	.2123	.2094	.2080	.2088	.2092
270.	.3115	.3167	.3024	.3181	.3143	.3166	.3204	.3189	.3219	.3198	.3173	.3174	.3160	.3188
280.			.1206	.1253	.1261	.1572	.1340	.1319	.1326	.1347	.1339	.1338	.1340	.1344
290.		0.0000	.0764	.0700	.0651	.0671	.0678	.0674	.0688	.0685	.0668	.0670	.0696	.0721
300.				.0492	.0448	.0454	.0472	.0472	.0453	.0483	.0468	.0456	.0515	.0486
310.	.0708	.0535	.0443	.0414	.0392	.0404	.0423	.0393	.0392	.0419	.0402	.0392	.0405	.0418
330.			.0394	.0703	.0380	.0377	.0376	.0370	.0373	.0379	.0384	.0381	.0384	.0407
						FOR ALPHA = 4.51 DEG								
0.	.0368	.0313	.0239	.0245	.0207	.0214	.0221	.0219	.0214	.0260	.0213	.0221	.0227	.0227
30.			.0248	.0596	.0216	.0217	.0225	.0219	.0218	.0225	.0228	.0229	.0225	.0236
50.	.0414	.0344	.0244	.0227	.0216	.0272	.0234	.0223	.0223	.0231	.0230	.0221	.0231	.0253
60.				.0229	.0220	.0215	.0235	.0223	.0223	.0229	.0221	.0208	.0224	.0242
70.		0.0000	.0241	.0251	.0223	.0260	.0241	.0236	.0238	.0227	.0217	.0212	.0231	.0240
80.			.0349	.0357	.0340	.0821	.0357	.0339	.0341	.0349	.0336	.0332	.0334	.0345
90.	.1191	.1186	.1291	.1127	.1130	.1151	.1193	.1185	.1200	.1197	.1179	.1178	.1170	.1184
100.			.1293	.1253	.1241	.1567	.1344	.1334	.1335	.1356	.1332	.1321	.1328	.1335
110.		0.0000	.1177	.1174	.1149	.1153	.1187	.1172	.1207	.1231	.1206	.1184	.1218	.1241
120.				.1135	.1114	.1092	.1115	.1138	.1161	.1183	.1184	.1137	.1185	.1209
130.	.1352	.1301	.1149	.1132	.1105	.1082	.1079	.1092	.1141	.1177	.1188	.1154	.1166	.1201
150.			.1183	.1373	.1116	.1093	.1103	.1136	.1141	.1149	.1192	.1201	.1185	.1204
180.	.1398	.1359	.1196	.1204	.1177	.1158	.1178	.1195	.1183	.1180	.1180	.1207	.1223	.1213
210.			.1219	.1463	.1224	.1237	.1259	.1268	.1261	.1264	.1284	.1275	.1265	.1285
230.	.1653	.1501	.1392	.1307	.1368	.1306	.1363	.1383	.1386	.1380	.1381	.1353	.1371	.1398
240.				.1433	.1434	.1429	.1490	.1487	.1480	.1526	.1495	.1462	.1502	.1524
250.		0.0000	.1708	.1671	.1681	.1712	.1777	.1784	.1789	.1773	.1740	.1721	.1785	.1796
260.			.2236	.2336	.2394	.2592	.2479	.2463	.2459	.2482	.2450	.2435	.2441	.2444
270.	.3085	.3141	.2977	.3151	.3122	.3150	.3187	.3172	.3203	.3180	.3152	.3153	.3139	.3165
280.			.1035	.0965	.1003	.1352	.1073	.1061	.1065	.1087	.1073	.1075	.1083	.1098
290.		0.0000	.0568	.0433	.0454	.0448	.0447	.0453	.0475	.0460	.0438	.0454	.0494	.0494
300.				.0263	.0239	.0274	.0293	.0268	.0255	.0285	.0267	.0272	.0274	.0300
310.	.0523	.0346	.0255	.0227	.0214	.0246	.0256	.0231	.0212	.0207	.0198	.0206	.0208	.0216
330.			.0227	.0579	.0210	.0217	.0210	.0214	.0216	.0212	.0199	.0205	.0197	.0226
						FOR ALPHA = 9.50 DEG								
0.	.0098	.0024	-.0039	-.0009	-.0065	-.0046	-.0048	-.0054	-.0068	.0009	-.0069	-.0068	-.0061	-.0054
30.			-.0017	.0397	-.0049	-.0022	-.0023	-.0026	-.0026	-.0018	-.0021	-.0024	-.0028	-.0024
50.	.0165	.0059	-.0028	-.0046	-.0061	.0054	-.0035	-.0047	-.0057	-.0055	-.0066	-.0074	-.0068	-.0053
60.				-.0052	-.0068	-.0067	-.0056	-.0071	-.0077	-.0078	-.0092	-.0103	-.0096	-.0091
70.		0.0000	-.0052	-.0063	-.0087	-.0035	-.0066	-.0087	-.0089	-.0101	-.0113	-.0120	-.0122	-.0120
80.			.0003	-.0005	-.0023	.0572	-.0034	-.0056	-.0055	-.0055	-.0066	-.0064	-.0068	-.0064
90.	.1100	.1078	.1178	.0968	.0979	.1021	.1080	.1068	.1080	.1070	.1053	.1043	.1034	.1041
100.			.1960	.1885	.1901	.2149	.2007	.2012	.2006	.2034	.1996	.1977	.1983	.2000
110.		0.0000	.1968	.1933	.1877	.1900	.1983	.2018	.2038	.2032	.2002	.1984	.2041	.2049
120.				.1924	.1858	.1879	.1970	.1992	.2003	.2030	.2025	.1953	.2024	.2054
130.	.2222	.2130	.1919	.1943	.1851	.1860	.1979	.2013	.2023	.2036	.2059	.1997	.2007	.2057
150.			.1995	.2154	.1935	.1878	.2010	.2030	.2023	.2032	.2079	.2069	.2040	.2072
180.	.2351	.2272	.2067	.2078	.2035	.2009	.2079	.2087	.2068	.2078	.2076	.2111	.2135	.2113
210.			.2129	.2314	.2114	.2130	.2189	.2193	.2183	.2193	.2245	.2217	.2189	.2217
230.	.2630	.2467	.2275	.2257	.2246	.2249	.2333	.2344	.2348	.2362	.2387	.2324	.2330	.2377
240.				.2362	.2389	.2407	.2458	.2492	.2485	.2501	.2512	.2431	.2527	.2549
250.		0.0000	.2668	.2663	.2697	.2712	.2773	.2792	.2830	.2797	.2769	.2753	.2831	.2849
260.			.3241	.3317	.3340	.3491	.3455	.3435	.3431	.3455	.3429	.3398	.3408	.3406
270.	.3023	.3046	.2981	.2972	.3011	.3057	.3095	.3081	.3102	.3076	.3044	.3030	.3016	.3032
280.			.0475	.0542	.0533	.0959	.0555	.0542	.0546	.0561	.0552	.0550	.0553	.0568
290.		0.0000	.0116	.0058	.0037	.0059	.0041	.0043	.0057	.0042	.0037	.0025	.0040	.0052
300.				-.0056	-.0096	-.0096	-.0083	-.0110	-.0114	-.0104	-.0110	-.0117	-.0109	-.0106
310.	.0225	.0019	-.0070	-.0095	-.0115	-.0020	-.0090	-.0114	-.0129	-.0122	-.0142	-.0152	-.0156	-.0156
330.			-.0061	.0377	-.0088	-.0078	-.0076	-.0088	-.0102	-.0095	-.0121	-.0121	-.0121	-.0118

TABLE V. - CONTINUED

(L) MACH = 4.50, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.50 DEG								
0.	.0374	.0362	.0362	.0368	.0378	.0388	.0394	.0399	.0361	.0351	.0371	.0390	.0408	0.
30.	.0383	.0370	.0369	.0363	.0375	.0385	.0387	.0390	.0399	.0346	.0367	.0382	.0395	30.
50.	.0383		.0358	.0354	.0371	.0388	.0400	.0405	.0407	.0363	.0352	.0363	.0383	50.
60.	.0373	.0368	.0368	.0358	.0411	.0402	.0411	.0417	.0413	.0376	.0368	.0372	.0384	60.
70.	.0382	.0384	.0377	.0382	.0386	.0428	.0448	.0447	.0447	.0405	.0399	.0419	.0429	70.
80.	.0529	.0535	.0527	.0503	.0531	.0555	.0562	.0563	.0556	.0526	.0524	.0541	.0552	80.
90.	.1237	.1213	.1211	.1193	.1192	.1223	.1238	.1242	.1243	.1209	.1196	.1227	.1217	90.
100.	.1054	.1078	.1050	.1022	.1084	.1089	.1099	.1105	.1090	.1069	.1080	.1095	.1119	100.
110.	.0938	.0931	.0930	.0919	.0901	.0948	.0963	.0953	.0941	.0911	.0892	.0927	.0951	110.
120.	.0889	.0868	.0861	.0845	.0873	.0895	.0899	.0907	.0896	.0869	.0854	.0859	.0877	120.
130.	.0901		.0848	.0844	.0864	.0877	.0886	.0896	.0893	.0857	.0833	.0855	.0881	130.
150.	.0891	.0857	.0859	.0853	.0873	.0877	.0876	.0889	.0855	.0848	.0876	.0896	.0912	150.
180.	.0900	.0875	.0881	.0892	.0895	.0909	.0919	.0924	.0884	.0873	.0899	.0927	.0951	180.
210.	.0953	.0911	.0924	.0927	.0964	.0985	.0985	.0991	.0935	.0928	.0961	.0994	.1025	210.
230.	.1046		.1011	.1014	.1051	.1070	.1083	.1095	.1094	.1053	.1028	.1052	.1088	230.
240.	.1137	.1105	.1114	.1102	.1129	.1192	.1198	.1208	.1191	.1160	.1136	.1142	.1165	240.
250.	.1380	.1370	.1372	.1371	.1364	.1441	.1452	.1462	.1437	.1406	.1381	.1433	.1447	250.
260.	.2015	.2078	.2016	.1968	.2066	.2068	.2071	.2089	.2062	.2061	.2069	.2102	.2132	260.
270.	.3200	.3169	.3163	.3127	.3132	.3185	.3208	.3215	.3224	.3177	.3157	.3217	.3182	270.
280.	.1271	.1349	.1301	.1256	.1308	.1333	.1327	.1346	.1337	.1320	.1316	.1334	.1342	280.
290.	.0679	.0669	.0666	.0683	.0683	.0724	.0741	.0739	.0730	.0682	.0682	.0716	.0720	290.
300.	.0475	.0445	.0461	.0450	.0487	.0504	.0519	.0522	.0524	.0479	.0471	.0477	.0493	300.
310.	.0414		.0391	.0396	.0449	.0460	.0467	.0475	.0475	.0433	.0415	.0423	.0448	310.
330.	.0391	.0380	.0382	.0378	.0411	.0419	.0419	.0429	.0408	.0369	.0387	.0404	.0426	330.
						FOR ALPHA = 4.51 DEG								
0.	.0212	.0203	.0204	.0208	.0212	.0223	.0229	.0232	.0209	.0200	.0217	.0234	.0248	0.
30.	.0224	.0218	.0218	.0215	.0230	.0238	.0238	.0243	.0277	.0217	.0232	.0243	.0255	30.
50.	.0237		.0218	.0215	.0230	.0243	.0249	.0256	.0252	.0228	.0218	.0226	.0245	50.
60.	.0223	.0223	.0225	.0217	.0273	.0247	.0251	.0257	.0248	.0229	.0223	.0225	.0234	60.
70.	.0217	.0220	.0225	.0223	.0218	.0251	.0263	.0261	.0253	.0228	.0223	.0236	.0244	70.
80.	.0324	.0334	.0319	.0302	.0320	.0334	.0335	.0340	.0331	.0317	.0319	.0329	.0334	80.
90.	.1195	.1169	.1169	.1148	.1144	.1178	.1190	.1192	.1192	.1162	.1147	.1175	.1169	90.
100.	.1312	.1336	.1307	.1274	.1346	.1345	.1352	.1354	.1335	.1306	.1316	.1326	.1345	100.
110.	.1226	.1196	.1184	.1177	.1161	.1213	.1232	.1219	.1202	.1170	.1149	.1186	.1212	110.
120.	.1153	.1139	.1130	.1111	.1144	.1169	.1170	.1180	.1163	.1133	.1116	.1120	.1141	120.
130.	.1178		.1116	.1111	.1144	.1153	.1159	.1170	.1164	.1125	.1097	.1121	.1155	130.
150.	.1175	.1136	.1137	.1132	.1164	.1158	.1155	.1167	.1120	.1122	.1156	.1181	.1198	150.
180.	.1194	.1159	.1164	.1173	.1180	.1189	.1205	.1210	.1167	.1159	.1191	.1228	.1251	180.
210.	.1246	.1200	.1215	.1210	.1261	.1282	.1283	.1292	.1218	.1229	.1270	.1307	.1337	210.
230.	.1357		.1327	.1323	.1366	.1389	.1402	.1417	.1419	.1372	.1346	.1378	.1415	230.
240.	.1464	.1432	.1441	.1428	.1463	.1519	.1533	.1544	.1526	.1491	.1473	.1481	.1508	240.
250.	.1734	.1742	.1717	.1704	.1718	.1789	.1809	.1808	.1787	.1768	.1738	.1798	.1822	250.
260.	.2367	.2426	.2360	.2306	.2420	.2419	.2431	.2446	.2421	.2403	.2425	.2457	.2497	260.
270.	.3176	.3134	.3129	.3096	.3094	.3157	.3175	.3187	.3192	.3144	.3121	.3179	.3148	270.
280.	.1004	.1071	.1038	.1008	.1052	.1048	.1065	.1074	.1066	.1054	.1054	.1058	.1075	280.
290.	.0443	.0436	.0449	.0453	.0445	.0467	.0487	.0492	.0482	.0458	.0443	.0460	.0493	290.
300.	.0237	.0237	.0247	.0230	.0261	.0257	.0259	.0278	.0274	.0245	.0251	.0247	.0268	300.
310.	.0197		.0176	.0169	.0197	.0213	.0225	.0231	.0242	.0207	.0207	.0215	.0232	310.
330.	.0204	.0194	.0194	.0198	.0222	.0230	.0232	.0238	.0244	.0190	.0211	.0221	.0238	330.
						FOR ALPHA = 9.50 DEG								
0.	-.0061	-.0065	-.0067	-.0065	-.0051	-.0037	-.0031	-.0027	-.0049	-.0063	-.0051	-.0045	-.0037	0.
30.	-.0035	-.0038	-.0044	-.0046	-.0019	-.0008	-.0002	.0005	.0066	-.0034	-.0021	-.0015	-.0005	30.
50.	-.0061		-.0070	-.0074	-.0041	-.0033	-.0023	-.0013	-.0009	-.0046	-.0051	-.0047	-.0036	50.
60.	-.0103	-.0107	-.0107	-.0119	-.0002	-.0084	-.0077	-.0070	-.0070	-.0103	-.0107	-.0107	-.0105	60.
70.	-.0144	-.0147	-.0144	-.0153	-.0151	-.0117	-.0107	-.0104	-.0108	-.0134	-.0135	-.0137	-.0153	70.
80.	-.0045	-.0083	-.0094	-.0111	-.0109	-.0078	-.0072	-.0066	-.0069	-.0080	-.0083	-.0075	-.0076	80.
90.	.1052	.1025	.1022	.0996	.0982	.1013	.1027	.1032	.1030	.1001	.0985	.1007	.1009	90.
100.	.1974	.2011	.1948	.1912	.2019	.1987	.1995	.1990	.1982	.1938	.1951	.1970	.1982	100.
110.	.2025	.1972	.1954	.1951	.1935	.1987	.2017	.1996	.1978	.1942	.1912	.1966	.1996	110.
120.	.1988	.1961	.1941	.1910	.1926	.1974	.1982	.1990	.1968	.1932	.1911	.1918	.1950	120.
130.	.2031		.1945	.1938	.1965	.1984	.1988	.1997	.1989	.1942	.1899	.1938	.1990	130.
150.	.2042	.1988	.1997	.1989	.2013	.2009	.2001	.2015	.1946	.1963	.2014	.2049	.2070	150.
180.	.2089	.2038	.2043	.2058	.2046	.2053	.2071	.2073	.2033	.2018	.2065	.2119	.2154	180.
210.	.2174	.2110	.2121	.2115	.2162	.2162	.2154	.2167	.2093	.2118	.2178	.2227	.2265	210.
230.	.2341		.2253	.2253	.2293	.2305	.2316	.2338	.2344	.2303	.2265	.2303	.2356	230.
240.	.2450	.2417	.2406	.2376	.2395	.2457	.2458	.2479	.2461	.2435	.2414	.2426	.2467	240.
250.	.2812	.2769	.2747	.2722	.2688	.2773	.2788	.2775	.2750	.2716	.2694	.2779	.2814	250.
260.	.3355	.3400	.3331	.3276	.3423	.3377	.3396	.3407	.3380	.3369	.3396	.3420	.3468	260.
270.	.3043	.3001	.3000	.2962	.2957	.3003	.3024	.3035	.3033	.2992	.2957	.3010	.2994	270.
280.	.0458	.0535	.0499	.0476	.0493	.0517	.0516	.0528	.0515	.0516	.0517	.0530	.0530	280.
290.	.0014	.0025	.0021	.0018	.0017	.0050	.0060	.0064	.0060	.0037	.0035	.0038	.0044	290.
300.	-.0135	-.0135	-.0135	-.0146	-.0062	-.0116	-.0102	-.0098	-.0096	-.0120	-.0124	-.0122	-.0120	300.
310.	-.0179		-.0184	-.0188	-.0168	-.0161	-.0148	-.0147	-.0141	-.0171	-.0174	-.0174	-.0164	310.
330.	-.0128	-.0119	-.0129	-.0128	-.0109	-.0097	-.0086	-.0083	-.0019	-.0119	-.0108	-.0105	-.0094	330.

TABLE V. - CONTINUED

(L) MACH = 4.50, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 14.50 DEG								
0.	-.0077	-.0167	-.0226	-.0167	-.0244	-.0226	-.0229	-.0236	-.0249	-.0152	-.0262	-.0269	-.0271	-.0274
30.			-.0182	.0300	-.0202	-.0173	-.0161	-.0162	-.0182	-.0175	-.0175	-.0175	-.0182	-.0189
50.	-.0003	-.0149	-.0225	-.0239	-.0258	-.0124	-.0245	-.0264	-.0273	-.0272	-.0282	-.0287	-.0294	-.0296
60.				-.0239	-.0252	-.0251	-.0242	-.0259	-.0262	-.0265	-.0277	-.0280	-.0281	-.0284
70.		0.0000	-.0226	-.0243	-.0258	-.0182	-.0242	-.0268	-.0264	-.0276	-.0278	-.0279	-.0280	-.0282
80.			-.0155	-.0182	-.0190	.0485	-.0212	-.0231	-.0229	-.0231	-.0241	-.0234	-.0238	-.0237
90.	.1013	.0988	.1075	.0851	.0905	.0932	.0991	.0973	.0975	.0961	.0946	.0931	.0916	.0917
100.			.2768	.2617	.2739	.2886	.2809	.2804	.2775	.2794	.2739	.2702	.2713	.2739
110.		0.0000	.2969	.2862	.2861	.2915	.2997	.3038	.3055	.3028	.2987	.2956	.3024	.3033
120.				.2937	.2892	.2970	.3033	.3051	.3071	.3101	.3087	.2997	.3095	.3125
130.	.3318	.3155	.2977	.2984	.2922	.3012	.3063	.3082	.3102	.3118	.3166	.3083	.3099	.3161
150.			.3035	.3185	.3013	.3096	.3104	.3132	.3116	.3123	.3219	.3204	.3162	.3200
180.	.3549	.3370	.3174	.3181	.3171	.3201	.3244	.3240	.3208	.3214	.3212	.3266	.3294	.3256
210.			.3246	.3371	.3288	.3314	.3377	.3384	.3376	.3366	.3434	.3390	.3365	.3405
230.	.3808	.3619	.3457	.3371	.3459	.3429	.3541	.3556	.3574	.3571	.3608	.3529	.3546	.3592
240.				.3547	.3594	.3613	.3694	.3709	.3706	.3724	.3746	.3640	.3760	.3761
250.		0.0000	.3694	.3848	.3937	.3922	.4002	.4033	.4060	.4022	.3982	.3950	.4036	.4039
260.			.4178	.4391	.4455	.4510	.4527	.4521	.4499	.4512	.4468	.4419	.4449	.4464
270.	.2906	.2890	.2902	.2747	.2816	.2904	.2957	.2921	.2934	.2894	.2856	.2835	.2818	.2833
280.			.0267	.0227	.0195	.0736	.0208	.0192	.0206	.0208	.0199	.0196	.0206	.0204
290.		0.0000	-.0128	-.0180	-.0186	-.0142	-.0181	-.0199	-.0185	-.0202	-.0201	-.0212	-.0203	-.0202
300.				-.0270	-.0274	-.0278	-.0260	-.0282	-.0284	-.0281	-.0294	-.0302	-.0298	-.0296
310.	.0064	-.0161	-.0235	-.0267	-.0279	-.0153	-.0243	-.0269	-.0275	-.0270	-.0290	-.0291	-.0299	-.0303
330.			-.0230	.0264	-.0260	-.0236	-.0238	-.0251	-.0261	-.0255	-.0276	-.0279	-.0283	-.0292
						FOR ALPHA = 19.50 DEG								
0.	-.0189	-.0292	-.0347	-.0260	-.0353	-.0335	-.0339	-.0344	-.0354	-.0246	-.0366	-.0371	-.0370	-.0373
30.			-.0290	.0240	-.0304	-.0262	-.0267	-.0261	-.0285	-.0281	-.0288	-.0287	-.0296	-.0294
50.	-.0115	-.0265	-.0325	-.0342	-.0363	-.0215	-.0336	-.0354	-.0358	-.0359	-.0375	-.0376	-.0386	-.0389
60.				-.0339	-.0350	-.0339	-.0330	-.0352	-.0351	-.0358	-.0370	-.0374	-.0377	-.0382
70.		0.0000	-.0320	-.0335	-.0344	-.0256	-.0330	-.0359	-.0347	-.0362	-.0367	-.0366	-.0369	-.0370
80.			-.0260	-.0263	-.0271	.0440	-.0297	-.0317	-.0310	-.0314	-.0327	-.0318	-.0322	-.0321
90.	.0926	.0929	.0901	.0787	.0834	.0843	.0900	.0877	.0881	.0875	.0869	.0856	.0844	.0848
100.			.3645	.3560	.3614	.3667	.3635	.3631	.3591	.3615	.3553	.3526	.3544	.3572
110.		0.0000	.4107	.3996	.4059	.4047	.4120	.4175	.4179	.4175	.4139	.4090	.4174	.4181
120.				.4051	.4200	.4199	.4265	.4294	.4310	.4353	.4342	.4223	.4354	.4375
130.	.4619	.4420	.4141	.4118	.4270	.4225	.4345	.4380	.4394	.4415	.4479	.4368	.4389	.4468
150.			.4319	.4341	.4419	.4363	.4438	.4463	.4443	.4456	.4578	.4550	.4494	.4558
180.	.4927	.4687	.4527	.4424	.4586	.4533	.4596	.4600	.4563	.4596	.4597	.4677	.4702	.4652
210.			.4471	.4696	.4661	.4666	.4764	.4770	.4770	.4776	.4882	.4826	.4777	.4836
230.	.5193	.4978	.4838	.4647	.4809	.4821	.4946	.4973	.4993	.5000	.5044	.4947	.4975	.5047
240.				.4804	.4958	.4989	.5082	.5120	.5119	.5147	.5151	.5040	.5204	.5214
250.		0.0000	.4969	.5178	.5267	.5263	.5348	.5401	.5413	.5375	.5353	.5328	.5433	.5453
260.			.5165	.5558	.5575	.5576	.5629	.5631	.5589	.5616	.5568	.5528	.5588	.5614
270.	.2751	.2713	.2708	.2525	.2632	.2724	.2785	.2744	.2742	.2705	.2664	.2638	.2626	.2641
280.			.0056	.0020	.0018	.0621	.0003	-.0012	.0001	-.0003	-.0015	-.0009	-.0009	-.0005
290.		0.0000	-.0276	-.0286	-.0310	-.0247	-.0303	-.0325	-.0313	-.0325	-.0329	-.0333	-.0331	-.0331
300.				-.0355	-.0363	-.0363	-.0349	-.0375	-.0376	-.0375	-.0390	-.0392	-.0393	-.0396
310.	-.0023	-.0264	-.0336	-.0356	-.0369	-.0234	-.0335	-.0361	-.0369	-.0365	-.0382	-.0380	-.0389	-.0392
330.			-.0335	.0213	-.0357	-.0335	-.0340	-.0351	-.0361	-.0353	-.0375	-.0378	-.0380	-.0390

TABLE V. - CONCLUDED

(L) MACH = 4.50, BETA = 5.01 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 14.50 DEG								
0.	-.0294	-.0297	-.0300	-.0301	-.0282	-.0274	-.0275	-.0271	-.0264	-.0279	-.0275	-.0271	-.0269	0.
30.	-.0208	-.0203	-.0210	-.0214	-.0200	-.0196	-.0194	-.0183	-.0074	-.0200	-.0193	-.0186	-.0181	30.
50.	-.0312		-.0317	-.0325	-.0302	-.0307	-.0305	-.0298	-.0294	-.0303	-.0308	-.0311	-.0307	50.
60.	-.0304	-.0306	-.0304	-.0319	-.0189	-.0302	-.0299	-.0295	-.0290	-.0301	-.0304	-.0307	-.0308	60.
70.	-.0311	-.0312	-.0304	-.0316	-.0321	-.0301	-.0296	-.0296	-.0297	-.0303	-.0304	-.0308	-.0319	70.
80.	-.0209	-.0261	-.0266	-.0279	-.0287	-.0273	-.0268	-.0267	-.0260	-.0251	-.0254	-.0248	-.0254	80.
90.	.0921	.0885	.0881	.0860	.0843	.0876	.0882	.0883	.0879	.0852	.0839	.0855	.0864	90.
100.	.2722	.2762	.2681	.2638	.2783	.2749	.2758	.2741	.2727	.2656	.2671	.2695	.2710	100.
110.	.2997	.2918	.2902	.2912	.2886	.2976	.2997	.2972	.2948	.2883	.2841	.2921	.2957	110.
120.	.3020	.2983	.2963	.2924	.2965	.3027	.3020	.3026	.2993	.2941	.2906	.2918	.2961	120.
130.	.3114		.2991	.2987	.3037	.3053	.3053	.3058	.3045	.2970	.2913	.2977	.3045	130.
150.	.3146	.3060	.3084	.3077	.3129	.3107	.3090	.3101	.2991	.3014	.3089	.3132	.3162	150.
180.	.3223	.3151	.3170	.3184	.3155	.3161	.3176	.3166	.3112	.3091	.3163	.3241	.3290	180.
210.	.3346	.3252	.3273	.3252	.3280	.3279	.3277	.3295	.3190	.3228	.3308	.3379	.3427	210.
230.	.3538		.3408	.3403	.3437	.3464	.3483	.3504	.3490	.3444	.3390	.3460	.3537	230.
240.	.3633	.3589	.3581	.3547	.3556	.3644	.3633	.3651	.3607	.3594	.3569	.3598	.3654	240.
250.	.4009	.3940	.3924	.3900	.3858	.3941	.3968	.3945	.3910	.3869	.3842	.3971	.4011	250.
260.	.4412	.4478	.4374	.4320	.4504	.4412	.4421	.4428	.4423	.4362	.4412	.4452	.4491	260.
270.	.2850	.2807	.2802	.2755	.2739	.2786	.2803	.2807	.2794	.2770	.2754	.2792	.2808	270.
280.	.0105	.0163	.0145	.0128	.0134	.0177	.0174	.0176	.0172	.0185	.0184	.0190	.0192	280.
290.	-.0238	-.0243	-.0234	-.0239	-.0233	-.0208	-.0194	-.0184	-.0196	-.0205	-.0207	-.0204	-.0206	290.
300.	-.0339	-.0333	-.0330	-.0348	-.0218	-.0305	-.0309	-.0296	-.0300	-.0316	-.0313	-.0317	-.0318	300.
310.	-.0336		-.0342	-.0354	-.0325	-.0328	-.0327	-.0330	-.0327	-.0340	-.0347	-.0347	-.0346	310.
330.	-.0315	-.0308	-.0319	-.0325	-.0299	-.0294	-.0300	-.0299	-.0185	-.0314	-.0313	-.0317	-.0315	330.
						FOR ALPHA = 19.50 DEG								
0.	-.0397	-.0398	-.0401	-.0401	-.0379	-.0375	-.0376	-.0378	-.0375	-.0390	-.0390	-.0389	-.0392	0.
30.	-.0317	-.0311	-.0325	-.0329	-.0303	-.0299	-.0294	-.0285	-.0167	-.0299	-.0292	-.0286	-.0285	30.
50.	-.0414		-.0411	-.0413	-.0383	-.0388	-.0384	-.0381	-.0381	-.0394	-.0400	-.0399	-.0396	50.
60.	-.0407	-.0400	-.0399	-.0407	-.0262	-.0383	-.0381	-.0372	-.0374	-.0387	-.0393	-.0393	-.0393	60.
70.	-.0406	-.0404	-.0399	-.0406	-.0408	-.0380	-.0375	-.0372	-.0378	-.0385	-.0387	-.0386	-.0388	70.
80.	-.0298	-.0354	-.0359	-.0368	-.0374	-.0351	-.0346	-.0343	-.0341	-.0333	-.0336	-.0334	-.0337	80.
90.	.0849	.0809	.0804	.0783	.0768	.0797	.0803	.0806	.0803	.0795	.0778	.0788	.0795	90.
100.	.3562	.3614	.3528	.3484	.3671	.3595	.3614	.3568	.3542	.3497	.3510	.3542	.3553	100.
110.	.4144	.4042	.4042	.4062	.4041	.4135	.4166	.4125	.4087	.4032	.3966	.4065	.4093	110.
120.	.4267	.4231	.4212	.4167	.4201	.4265	.4263	.4281	.4226	.4164	.4116	.4140	.4187	120.
130.	.4419		.4288	.4289	.4319	.4332	.4339	.4343	.4319	.4235	.4150	.4245	.4325	130.
150.	.4503	.4412	.4460	.4426	.4462	.4430	.4406	.4421	.4298	.4325	.4418	.4449	.4471	150.
180.	.4611	.4535	.4557	.4568	.4510	.4522	.4533	.4501	.4439	.4399	.4493	.4574	.4629	180.
210.	.4745	.4633	.4676	.4654	.4691	.4685	.4667	.4660	.4523	.4549	.4659	.4722	.4785	210.
230.	.4973		.4814	.4825	.4867	.4890	.4899	.4901	.4867	.4789	.4724	.4801	.4894	230.
240.	.5049	.5011	.5004	.4962	.4984	.5067	.5042	.5039	.4986	.4950	.4904	.4933	.4993	240.
250.	.5418	.5320	.5296	.5285	.5223	.5331	.5356	.5306	.5260	.5195	.5138	.5299	.5335	250.
260.	.5575	.5626	.5514	.5445	.5683	.5552	.5554	.5551	.5542	.5486	.5533	.5549	.5569	260.
270.	.2656	.2607	.2600	.2559	.2520	.2563	.2576	.2577	.2554	.2521	.2510	.2549	.2569	270.
280.	-.0091	-.0052	-.0068	-.0081	-.0081	-.0051	-.0053	-.0051	-.0050	-.0035	-.0039	-.0035	-.0040	280.
290.	-.0372	-.0367	-.0358	-.0365	-.0363	-.0336	-.0327	-.0332	-.0331	-.0340	-.0343	-.0346	-.0349	290.
300.	-.0424	-.0423	-.0419	-.0429	-.0294	-.0399	-.0396	-.0397	-.0394	-.0406	-.0409	-.0410	-.0405	300.
310.	-.0418		-.0418	-.0423	-.0391	-.0394	-.0391	-.0393	-.0388	-.0407	-.0409	-.0410	-.0403	310.
330.	-.0409	-.0401	-.0410	-.0414	-.0388	-.0384	-.0383	-.0381	-.0263	-.0399	-.0400	-.0403	-.0401	330.

TABLE VI. - FOREBODY 6, LOBED CROSS-SECTION CONE

(A) MACH = 1.70, BETA = -.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.64 DEG								
0.	.3793	.3481	.3752	.3808	.3884	.3913	.3888	.3977	.4016	.4047	.4004	.4028	.4048	.4033
10.				.3479	.3364	.3570	.3594	.3646	.3680	.3608	.3653	.3630	.3660	.3587
20.		.3198	.2971	.3034	.2990	.2999	.3098	.3095	.3081	.3168	.3075	.3112	.3080	.3108
35.				.2722	.2748	.2858	.2863	.2844	.2910	.2781	.2823	.2904	.2865	.2884
50.	.2578	.2663	.2588	.2640	.2670	.2795	.2803	.2754	.2805	.2828	.2771	.2797	.2763	.2783
70.				.2519	.2636	.2737	.2719	.2734	.2750	.2701	.2666	.2685	.2600	.2590
90.	.2539	.2540	.2500	.2506	.2597	.2666	.2654	.2704	.2703	.2681	.2642	.2658	.2600	.2600
110.					.2565	.2587	.2571	.2643	.2657	.2615	.2575	.2616	.2621	.2592
130.				.2563	.2554	.2562	.2555	.2625	.2641	.2598	.2569	.2569	.2586	.2603
145.	.2386	.2412	.2405	.2545	.2539	.2509	.2506	.2538	.2580	.2546	.2547	.2563	.2510	.2518
160.				.2503	.2511	.2502	.2477	.2471	.2528	.2521	.2501	.2497	.2408	.2496
180.	.2227	.2395	.2543	.2439	.2485	.2462	.2452	.2465	.2458	.2497	.2500	.2464	.2489	.2420
						FOR ALPHA = -2.66 DEG								
0.	.3415	.3116	.3373	.3428	.3492	.3519	.3515	.3572	.3598	.3635	.3589	.3598	.3596	.3604
10.				.3188	.3056	.3253	.3302	.3338	.3317	.3275	.3314	.3290	.3271	.3239
20.		.2957	.2749	.2839	.2807	.2815	.2916	.2890	.2844	.2958	.2889	.2898	.2870	.2869
35.				.2629	.2616	.2735	.2722	.2678	.2783	.2608	.2681	.2769	.2717	.2704
50.	.2479	.2588	.2581	.2548	.2532	.2685	.2693	.2601	.2684	.2703	.2653	.2669	.2618	.2632
70.				.2451	.2549	.2641	.2632	.2606	.2665	.2604	.2589	.2587	.2494	.2497
90.	.2491	.2448	.2545	.2468	.2541	.2611	.2588	.2641	.2652	.2614	.2604	.2618	.2531	.2526
110.					.2548	.2596	.2573	.2680	.2661	.2638	.2604	.2644	.2618	.2606
130.				.2660	.2650	.2698	.2667	.2735	.2751	.2746	.2711	.2693	.2716	.2741
145.	.2642	.2649	.2651	.2744	.2768	.2756	.2756	.2763	.2803	.2820	.2803	.2792	.2766	.2767
160.				.2778	.2825	.2834	.2786	.2795	.2822	.2859	.2827	.2792	.2723	.2807
180.	.2544	.2680	.2831	.2753	.2812	.2800	.2800	.2819	.2797	.2826	.2836	.2802	.2819	.2775
						FOR ALPHA = -1.66 DEG								
0.	.3248	.2953	.3205	.3264	.3304	.3322	.3329	.3396	.3426	.3447	.3377	.3387	.3390	.3438
10.				.3047	.2917	.3097	.3152	.3177	.3166	.3120	.3155	.3120	.3116	.3110
20.		.2854	.2646	.2754	.2717	.2712	.2837	.2791	.2760	.2840	.2787	.2779	.2765	.2790
35.				.2579	.2566	.2660	.2661	.2615	.2698	.2540	.2602	.2684	.2628	.2625
50.	.2453	.2556	.2526	.2508	.2505	.2651	.2627	.2563	.2637	.2624	.2575	.2610	.2545	.2568
70.				.2425	.2517	.2621	.2587	.2554	.2625	.2547	.2529	.2535	.2442	.2432
90.	.2511	.2447	.2489	.2456	.2511	.2588	.2552	.2609	.2622	.2601	.2578	.2577	.2503	.2499
110.					.2548	.2601	.2547	.2678	.2662	.2640	.2613	.2628	.2602	.2609
130.				.2718	.2692	.2722	.2729	.2790	.2811	.2788	.2772	.2753	.2763	.2797
145.	.2809	.2762	.2752	.2892	.2866	.2872	.2887	.2883	.2929	.2930	.2918	.2918	.2891	.2874
160.				.2937	.2975	.2986	.2979	.2957	.3002	.3011	.2997	.2973	.2890	.2967
180.	.2749	.2859	.3002	.2919	.2970	.2975	.2974	.2998	.2984	.3002	.3014	.3003	.3010	.2952
						FOR ALPHA = -.66 DEG								
0.	.3063	.2802	.3046	.3073	.3126	.3140	.3147	.3192	.3213	.3249	.3187	.3180	.3190	.3244
10.				.2896	.2762	.2949	.3004	.3016	.2987	.2951	.2980	.2948	.2940	.2944
20.		.2754	.2555	.2648	.2616	.2622	.2729	.2696	.2640	.2721	.2655	.2681	.2624	.2652
35.				.2506	.2503	.2598	.2600	.2555	.2615	.2430	.2519	.2606	.2541	.2525
50.	.2405	.2506	.2456	.2443	.2437	.2575	.2578	.2499	.2550	.2550	.2500	.2527	.2475	.2481
70.				.2388	.2449	.2550	.2556	.2501	.2555	.2489	.2472	.2485	.2392	.2380
90.	.2484	.2436	.2445	.2437	.2478	.2548	.2522	.2570	.2564	.2530	.2508	.2532	.2459	.2446
110.					.2523	.2578	.2523	.2636	.2644	.2609	.2566	.2620	.2590	.2586
130.				.2778	.2745	.2762	.2746	.2809	.2854	.2825	.2800	.2806	.2799	.2843
145.	.2952	.2890	.2851	.3043	.2981	.2971	.2987	.2986	.3036	.3039	.3048	.3033	.2989	.2996
160.				.3112	.3130	.3138	.3128	.3118	.3171	.3181	.3165	.3154	.3060	.3135
180.	.2956	.3052	.3188	.3109	.3154	.3139	.3154	.3188	.3166	.3181	.3195	.3188	.3206	.3133
						FOR ALPHA = .35 DEG								
0.	.2887	.2655	.2879	.2916	.2953	.2950	.2966	.3001	.3032	.3045	.2987	.2989	.3025	.3065
10.				.2760	.2624	.2791	.2842	.2859	.2837	.2793	.2820	.2784	.2802	.2803
20.		.2649	.2466	.2545	.2524	.2530	.2640	.2585	.2541	.2614	.2555	.2553	.2530	.2563
35.				.2433	.2424	.2528	.2514	.2478	.2532	.2352	.2435	.2506	.2457	.2447
50.	.2349	.2457	.2437	.2374	.2387	.2528	.2518	.2422	.2472	.2471	.2434	.2463	.2395	.2409
70.				.2316	.2416	.2512	.2506	.2464	.2488	.2419	.2405	.2424	.2328	.2311
90.	.2453	.2410	.2449	.2350	.2442	.2518	.2492	.2525	.2510	.2479	.2468	.2482	.2402	.2394
110.					.2521	.2547	.2500	.2635	.2608	.2583	.2551	.2584	.2565	.2559
130.				.2795	.2764	.2772	.2770	.2821	.2865	.2867	.2832	.2826	.2835	.2878
145.	.3101	.3014	.3006	.3125	.3101	.3078	.3087	.3072	.3164	.3154	.3156	.3149	.3124	.3095
160.				.3289	.3291	.3295	.3295	.3284	.3340	.3349	.3315	.3330	.3237	.3298
180.	.3152	.3262	.3374	.3292	.3324	.3323	.3337	.3366	.3371	.3388	.3385	.3395	.3397	.3341
						FOR ALPHA = 1.35 DEG								
0.	.2740	.2518	.2719	.2768	.2791	.2792	.2797	.2832	.2868	.2847	.2803	.2827	.2869	.2899
10.				.2654	.2500	.2657	.2697	.2713	.2707	.2642	.2658	.2650	.2669	.2661
20.		.2559	.2384	.2464	.2438	.2445	.2546	.2499	.2457	.2514	.2449	.2451	.2438	.2479
35.				.2376	.2368	.2457	.2455	.2421	.2460	.2279	.2358	.2430	.2372	.2390
50.	.2304	.2385	.2369	.2337	.2325	.2463	.2447	.2364	.2412	.2410	.2378	.2395	.2327	.2349
70.				.2279	.2354	.2466	.2455	.2403	.2422	.2364	.2356	.2382	.2273	.2264
90.	.2417	.2363	.2400	.2340	.2398	.2483	.2467	.2476	.2462	.2419	.2413	.2441	.2342	.2349
110.					.2499	.2533	.2494	.2598	.2580	.2546	.2526	.2557	.2524	.2531
130.				.2835	.2807	.2806	.2795	.2864	.2894	.2889	.2862	.2859	.2843	.2919
145.	.3247	.3137	.3135	.3232	.3228	.3218	.3188	.3216	.3275	.3271	.3271	.3270	.3246	.3218
160.				.3476	.3479	.3482	.3468	.3454	.3525	.3532	.3486	.3497	.3438	.3491
180.	.3342	.3500	.3543	.3495	.3523	.3510	.3542	.3573	.3572	.3598	.3604	.3576	.3625	.3547

TABLE VI. - CONTINUED

(A) MACH = 1.70, BETA = -.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.64 DEG								
0.	.4032	.4008	.4062	.4113	.4076	.4081	.4052	.4087	.4045	.4055	.4041	.4109	.4097	0.
10.	.3669	.3680	.3740	.3774	.3725	.3746	.3716	.3679	.3581	.3700	.3699	.3709	.3854	10.
20.	.3128	.3213	.3198	.3303	.3257	.3393	.3219	.3205	.3173	.3196	.3181	.3220	.3479	20.
35.	.2927	.2909	.2901	.2955	.2862	.2975	.2893	.2836	.2841	.2811	.2795	.2920	.3014	35.
50.	.2786	.2760	.2705	.2825	.2772	.2814	.2791	.2780	.2756	.2734	.2716	.2755	.2781	50.
70.	.2660	.2619	.2583	.2688	.2643	.2714	.2668	.2720	.2697	.2652	.2616	.2596	.2683	70.
90.	.2602	.2588	.2558	.2660	.2641	.2614	.2719	.2668	.2598	.2570	.2575	.2555	.2624	90.
110.	.2607	.2524	.2545	.2619	.2634	.2599	.2593	.2579	.2589	.2630	.2581	.2608	.2628	110.
130.	.2500	.2565	.2523	.2744	.2648	.2609	.2546	.2614	.2638	.2605	.2628	.2608	.2581	130.
145.	.2502	.2445	.2527	.2662	.2551	.2502	.2507	.2560	.1332	.2557	.2585	.2631	.2629	145.
160.	.2475	.2489	.2472	.2674	.2613	.2544	.2547	.2520	.2512	.2500	.2535	.2586	.2591	160.
180.	.2425	.2394	.2448	.2532	.2600	.2593	.2554	.2507	.2467	.2473	.2458	.2475	.2431	180.
						FOR ALPHA = -2.66 DEG								
0.	.3642	.3617	.3638	.3730	.3681	.3677	.3669	.3657	.3651	.3647	.3652	.3717	.3671	0.
10.	.3357	.3357	.3411	.3467	.3421	.3405	.3408	.3353	.3249	.3369	.3378	.3388	.3524	10.
20.	.2917	.2996	.2994	.3081	.3064	.3203	.3003	.2987	.2951	.2978	.2974	.2983	.3234	20.
35.	.2748	.2754	.2763	.2843	.2738	.2864	.2762	.2717	.2716	.2664	.2648	.2748	.2855	35.
50.	.2637	.2644	.2593	.2730	.2679	.2708	.2723	.2677	.2630	.2571	.2574	.2676	.2682	50.
70.	.2551	.2536	.2497	.2604	.2577	.2642	.2595	.2608	.2582	.2582	.2553	.2524	.2612	70.
90.	.2549	.2535	.2495	.2619	.2588	.2570	.2633	.2638	.2579	.2550	.2533	.2511	.2535	90.
110.	.2605	.2557	.2565	.2613	.2571	.2600	.2667	.2616	.2604	.2636	.2576	.2631	.2634	110.
130.	.2641	.2708	.2635	.2796	.2824	.2743	.2689	.2729	.2757	.2725	.2766	.2763	.2712	130.
145.	.2767	.2695	.2738	.2836	.2833	.2797	.2759	.2775	.1581	.2818	.2843	.2875	.2896	145.
160.	.2781	.2798	.2791	.2900	.2921	.2896	.2897	.2850	.2815	.2826	.2850	.2891	.2938	160.
180.	.2792	.2716	.2773	.2854	.2856	.2908	.2957	.2891	.2845	.2807	.2796	.2836	.2793	180.
						FOR ALPHA = -1.66 DEG								
0.	.3455	.3424	.3451	.3547	.3486	.3503	.3459	.3480	.3459	.3452	.3475	.3513	.3486	0.
10.	.3204	.3211	.3251	.3319	.3252	.3252	.3252	.3195	.3081	.3214	.3226	.3244	.3365	10.
20.	.2823	.2890	.2894	.3011	.2979	.3078	.2909	.2876	.2865	.2893	.2855	.2872	.3116	20.
35.	.2670	.2686	.2693	.2787	.2695	.2800	.2685	.2653	.2653	.2612	.2570	.2666	.2767	35.
50.	.2552	.2580	.2530	.2669	.2629	.2652	.2668	.2618	.2557	.2514	.2505	.2605	.2622	50.
70.	.2511	.2488	.2441	.2569	.2540	.2584	.2554	.2553	.2524	.2530	.2499	.2489	.2558	70.
90.	.2509	.2490	.2456	.2589	.2547	.2541	.2585	.2578	.2553	.2515	.2498	.2467	.2496	90.
110.	.2611	.2535	.2559	.2616	.2569	.2565	.2664	.2617	.2610	.2639	.2574	.2602	.2600	110.
130.	.2715	.2770	.2692	.2843	.2824	.2827	.2739	.2777	.2806	.2777	.2826	.2822	.2757	130.
145.	.2896	.2822	.2852	.2944	.2900	.2944	.2877	.2882	.1690	.2929	.2977	.3009	.3010	145.
160.	.2955	.2975	.2955	.3057	.3024	.3067	.3090	.3020	.2981	.2969	.3026	.3066	.3094	160.
180.	.2986	.2904	.2949	.3019	.3024	.3067	.3104	.3094	.3047	.2997	.2984	.3001	.2978	180.
						FOR ALPHA = -.66 DEG								
0.	.3258	.3224	.3261	.3341	.3299	.3302	.3258	.3275	.3247	.3276	.3268	.3321	.3294	0.
10.	.3039	.3054	.3088	.3159	.3086	.3108	.3093	.3032	.2909	.3049	.3072	.3077	.3201	10.
20.	.2724	.2798	.2791	.2893	.2835	.2965	.2805	.2775	.2739	.2758	.2736	.2769	.3009	20.
35.	.2590	.2610	.2614	.2693	.2599	.2727	.2613	.2579	.2562	.2509	.2499	.2588	.2684	35.
50.	.2486	.2500	.2480	.2617	.2562	.2598	.2593	.2571	.2503	.2440	.2436	.2512	.2573	50.
70.	.2432	.2425	.2403	.2531	.2501	.2546	.2504	.2512	.2469	.2464	.2456	.2438	.2513	70.
90.	.2454	.2443	.2402	.2565	.2530	.2504	.2541	.2513	.2526	.2499	.2463	.2425	.2439	90.
110.	.2601	.2518	.2540	.2595	.2549	.2549	.2630	.2615	.2594	.2625	.2563	.2586	.2569	110.
130.	.2744	.2793	.2744	.2884	.2848	.2851	.2775	.2827	.2850	.2821	.2855	.2853	.2808	130.
145.	.2995	.2930	.2983	.3042	.2972	.3064	.2997	.3010	.1810	.3025	.3090	.3130	.3142	145.
160.	.3132	.3148	.3142	.3212	.3191	.3205	.3265	.3212	.3133	.3135	.3208	.3243	.3271	160.
180.	.3173	.3117	.3144	.3197	.3191	.3252	.3264	.3302	.3252	.3194	.3185	.3207	.3158	180.
						FOR ALPHA = .35 DEG								
0.	.3073	.3034	.3079	.3156	.3131	.3111	.3078	.3095	.3068	.3089	.3085	.3125	.3110	0.
10.	.2882	.2899	.2946	.2992	.2939	.2945	.2938	.2874	.2748	.2903	.2920	.2937	.3061	10.
20.	.2603	.2698	.2686	.2790	.2729	.2857	.2698	.2654	.2626	.2658	.2629	.2665	.2896	20.
35.	.2513	.2540	.2537	.2633	.2532	.2637	.2545	.2501	.2492	.2439	.2412	.2511	.2601	35.
50.	.2418	.2445	.2411	.2563	.2499	.2533	.2535	.2497	.2440	.2376	.2363	.2442	.2497	50.
70.	.2380	.2367	.2344	.2462	.2449	.2494	.2452	.2442	.2409	.2400	.2398	.2384	.2445	70.
90.	.2393	.2388	.2367	.2528	.2477	.2466	.2500	.2477	.2473	.2451	.2415	.2379	.2405	90.
110.	.2565	.2483	.2503	.2569	.2523	.2522	.2563	.2599	.2573	.2603	.2531	.2550	.2537	110.
130.	.2788	.2835	.2784	.2920	.2872	.2846	.2835	.2872	.2886	.2857	.2886	.2891	.2846	130.
145.	.3114	.3041	.3102	.3156	.3080	.3145	.3129	.3118	.1926	.3132	.3205	.3250	.3267	145.
160.	.3297	.3326	.3309	.3393	.3333	.3325	.3447	.3385	.3315	.3284	.3372	.3426	.3439	160.
180.	.3353	.3314	.3356	.3381	.3384	.3424	.3436	.3481	.3466	.3413	.3377	.3402	.3353	180.
						FOR ALPHA = 1.35 DEG								
0.	.2905	.2885	.2913	.2986	.2942	.2940	.2920	.2934	.2896	.2902	.2923	.2972	.2946	0.
10.	.2737	.2749	.2778	.2851	.2799	.2824	.2784	.2716	.2610	.2767	.2786	.2787	.2906	10.
20.	.2516	.2589	.2587	.2673	.2636	.2747	.2580	.2546	.2519	.2551	.2525	.2554	.2793	20.
35.	.2452	.2455	.2471	.2566	.2468	.2568	.2462	.2436	.2416	.2373	.2350	.2430	.2530	35.
50.	.2367	.2385	.2354	.2501	.2452	.2481	.2472	.2441	.2380	.2323	.2307	.2373	.2433	50.
70.	.2335	.2320	.2299	.2449	.2405	.2458	.2409	.2395	.2366	.2353	.2356	.2338	.2396	70.
90.	.2350	.2348	.2330	.2495	.2444	.2436	.2470	.2439	.2421	.2408	.2388	.2343	.2365	90.
110.	.2533	.2454	.2484	.2531	.2510	.2494	.2532	.2577	.2543	.2584	.2498	.2512	.2500	110.
130.	.2817	.2870	.2813	.2948	.2903	.2847	.2875	.2908	.2910	.2893	.2906	.2924	.2881	130.
145.	.3236	.3160	.3229	.3269	.3201	.3221	.3252	.3245	.2059	.3250	.3315	.3373	.3392	145.
160.	.3489	.3496	.3491	.3585	.3525	.3502	.3608	.3564	.3507	.3474	.3560	.3609	.3618	160.
180.	.3561	.3517	.3571	.3595	.3579	.3610	.3636	.3663	.3676	.3623	.3591	.3609	.3555	180.

TABLE VI. - CONTINUED

(A) MACH = 1.70, BETA = -.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.35 DEG								
0.	.2572	.2368	.2576	.2600	.2621	.2630	.2636	.2647	.2688	.2669	.2646	.2696	.2707	.2719
10.				.2511	.2356	.2517	.2561	.2568	.2544	.2481	.2515	.2525	.2542	.2532
20.		.2452	.2293	.2371	.2360	.2350	.2436	.2391	.2344	.2394	.2342	.2360	.2336	.2387
35.				.2315	.2307	.2386	.2367	.2347	.2372	.2188	.2282	.2360	.2300	.2287
50.	.2250	.2346	.2272	.2285	.2268	.2399	.2377	.2322	.2352	.2349	.2308	.2320	.2248	.2285
70.				.2240	.2305	.2415	.2377	.2368	.2353	.2315	.2308	.2308	.2195	.2199
90.	.2376	.2331	.2295	.2316	.2349	.2408	.2406	.2434	.2387	.2366	.2364	.2382	.2295	.2297
110.					.2453	.2488	.2453	.2551	.2533	.2506	.2492	.2501	.2490	.2479
130.				.2825	.2807	.2810	.2813	.2881	.2916	.2909	.2871	.2870	.2866	.2929
145.	.3398	.3270	.3251	.3356	.3357	.3321	.3306	.3332	.3377	.3381	.3372	.3376	.3348	.3333
160.				.3647	.3656	.3660	.3627	.3638	.3711	.3697	.3664	.3693	.3626	.3688
180.	.3542	.3701	.3792	.3719	.3741	.3725	.3730	.3783	.3772	.3808	.3786	.3797	.3841	.3761
						FOR ALPHA = 3.35 DEG								
0.	.2429	.2258	.2433	.2438	.2463	.2488	.2476	.2495	.2526	.2498	.2501	.2565	.2555	.2562
10.				.2379	.2239	.2384	.2422	.2419	.2412	.2330	.2393	.2409	.2419	.2402
20.		.2369	.2205	.2256	.2260	.2257	.2334	.2303	.2222	.2295	.2261	.2262	.2248	.2283
35.				.2265	.2246	.2303	.2290	.2287	.2275	.2103	.2202	.2280	.2219	.2237
50.	.2198	.2313	.2192	.2226	.2208	.2323	.2313	.2271	.2259	.2266	.2239	.2243	.2177	.2220
70.				.2183	.2259	.2337	.2332	.2322	.2291	.2254	.2247	.2238	.2144	.2153
90.	.2324	.2283	.2305	.2270	.2254	.2364	.2342	.2370	.2322	.2307	.2302	.2319	.2236	.2234
110.					.2403	.2431	.2419	.2508	.2473	.2462	.2431	.2461	.2440	.2440
130.				.2847	.2811	.2819	.2822	.2872	.2898	.2910	.2893	.2867	.2866	.2942
145.	.3543	.3382	.3397	.3488	.3464	.3453	.3420	.3440	.3481	.3470	.3482	.3486	.3461	.3441
160.				.3823	.3842	.3843	.3828	.3822	.3908	.3881	.3854	.3849	.3817	.3883
180.	.3781	.3911	.4013	.3920	.3938	.3921	.3941	.3986	.3987	.4024	.4029	.4021	.4048	.3975
						FOR ALPHA = 5.34 DEG								
0.	.2156	.2037	.2123	.2124	.2168	.2174	.2155	.2195	.2203	.2214	.2252	.2294	.2263	.2233
10.				.2111	.1983	.2110	.2134	.2156	.2133	.2083	.2166	.2186	.2167	.2109
20.		.2203	.1990	.2053	.2068	.2047	.2137	.2084	.2009	.2108	.2077	.2071	.2055	.2097
35.				.2109	.2085	.2137	.2130	.2104	.2095	.1953	.2061	.2123	.2061	.2092
50.	.2063	.2169	.2105	.2091	.2058	.2154	.2183	.2096	.2108	.2128	.2103	.2117	.2038	.2103
70.				.2057	.2111	.2177	.2241	.2150	.2155	.2119	.2109	.2104	.2027	.2045
90.	.2206	.2156	.2111	.2097	.2139	.2195	.2241	.2212	.2188	.2166	.2142	.2166	.2112	.2118
110.					.2255	.2302	.2322	.2348	.2354	.2340	.2283	.2335	.2307	.2331
130.				.2845	.2767	.2780	.2856	.2817	.2881	.2890	.2878	.2858	.2865	.2931
145.	.3834	.3626	.3674	.3740	.3676	.3650	.3642	.3675	.3697	.3659	.3694	.3674	.3693	.3669
160.				.4220	.4204	.4216	.4184	.4241	.4262	.4239	.4231	.4247	.4204	.4275
180.	.4258	.4368	.4463	.4369	.4362	.4347	.4373	.4436	.4447	.4460	.4457	.4480	.4484	.4409
						FOR ALPHA = 10.36 DEG								
0.	.1517	.1330	.1429	.1519	.1531	.1564	.1603	.1672	.1678	.1669	.1675	.1662	.1595	.1593
10.				.1517	.1419	.1552	.1613	.1655	.1626	.1572	.1627	.1622	.1560	.1536
20.		.1636	.1377	.1508	.1584	.1592	.1681	.1656	.1592	.1629	.1620	.1601	.1565	.1598
35.				.1644	.1674	.1759	.1752	.1749	.1736	.1555	.1698	.1745	.1684	.1716
50.	.1590	.1686	.1666	.1662	.1665	.1819	.1841	.1772	.1787	.1823	.1782	.1805	.1735	.1786
70.				.1657	.1730	.1809	.1878	.1834	.1810	.1803	.1816	.1831	.1743	.1745
90.	.1741	.1719	.1603	.1631	.1700	.1779	.1810	.1817	.1792	.1759	.1786	.1822	.1773	.1759
110.					.1813	.1882	.1853	.1915	.1928	.1919	.1885	.1941	.1925	.1925
130.				.2685	.2683	.2619	.2664	.2706	.2719	.2744	.2776	.2768	.2759	.2844
145.	.4595	.4184	.4254	.4355	.4243	.4279	.4251	.4265	.4283	.4245	.4231	.4236	.4253	.4229
160.				.5239	.5272	.5299	.5276	.5325	.5318	.5330	.5273	.5307	.5247	.5283
180.	.5534	.5542	.5626	.5564	.5593	.5598	.5646	.5711	.5722	.5705	.5698	.5711	.5723	.5623
						FOR ALPHA = 15.34 DEG								
0.	.1107	.1223	.1063	.1125	.1117	.1164	.1185	.1207	.1200	.1203	.1217	.1194	.1060	.1070
10.				.1101	.0997	.1105	.1165	.1147	.1132	.1108	.1117	.1098	.1051	.1031
20.		.1296	.1045	.1085	.1138	.1149	.1201	.1129	.1100	.1134	.1071	.1029	.1029	.1034
35.				.1270	.1280	.1382	.1364	.1315	.1325	.1111	.1189	.1242	.1204	.1194
50.	.1120	.1247	.1318	.1281	.1322	.1451	.1484	.1385	.1431	.1431	.1334	.1351	.1280	.1292
70.				.1199	.1313	.1421	.1484	.1432	.1444	.1404	.1366	.1418	.1307	.1271
90.	.1140	.1199	.1121	.1124	.1148	.1258	.1288	.1295	.1328	.1248	.1170	.1254	.1175	.1152
110.					.1218	.1275	.1249	.1287	.1364	.1309	.1225	.1293	.1257	.1237
130.				.2652	.2533	.2434	.2459	.2454	.2553	.2548	.2485	.2525	.2525	.2561
145.	.5466	.4813	.5092	.5129	.4916	.4980	.4894	.4892	.4896	.4835	.4779	.4765	.4826	.4778
160.				.6473	.6506	.6534	.6510	.6516	.6481	.6493	.6425	.6446	.6379	.6384
180.	.6844	.6829	.6977	.6991	.7054	.7006	.7037	.7089	.7078	.7095	.7087	.7058	.7041	.6954
						FOR ALPHA = 20.35 DEG								
0.	.0778	.0790	.0724	.0829	.0849	.0866	.0867	.0905	.0910	.0922	.0932	.0910	.0782	.0795
10.				.0748	.0661	.0754	.0786	.0774	.0775	.0762	.0788	.0774	.0688	.0680
20.		.0842	.0534	.0651	.0668	.0674	.0726	.0634	.0619	.0662	.0632	.0597	.0543	.0573
35.				.0810	.0792	.0867	.0902	.0861	.0869	.0671	.0794	.0846	.0742	.0745
50.	.0596	.0702	.0588	.0858	.0838	.0945	.1028	.0952	.0990	.1032	.0994	.0987	.0879	.0887
70.				.0681	.0753	.0838	.0985	.0955	.0928	.0928	.0968	.1023	.0913	.0851
90.	.0321	.0503	.0478	.0403	.0337	.0363	.0435	.0531	.0553	.0514	.0490	.0512	.0442	.0414
110.					.0436	.0387	.0407	.0377	.0404	.0357	.0340	.0349	.0327	.0352
130.				.2565	.2383	.2195	.2239	.2225	.2302	.2281	.2317	.2321	.2325	.2370
145.	.6422	.5615	.5906	.5926	.5606	.5634	.5506	.5556	.5519	.5446	.5399	.5371	.5429	.5420
160.				.7746	.7738	.7706	.7723	.7720	.7722	.7669	.7595	.7603	.7537	.7591
180.	.8287	.8445	.8415	.8470	.8485	.8446	.8468	.8515	.8539	.8493	.8494	.8436	.8458	.8405

TABLE VI. - CONTINUED

(A) MACH = 1.70, BETA = -.02 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.35 DEG								
0.	.2747	.2708	.2727	.2816	.2762	.2765	.2751	.2738	.2710	.2728	.2752	.2797	.2751	0.
10.	.2597	.2610	.2641	.2730	.2654	.2681	.2630	.2572	.2489	.2622	.2645	.2642	.2762	10.
20.	.2398	.2488	.2468	.2577	.2555	.2635	.2463	.2437	.2422	.2455	.2421	.2451	.2674	20.
35.	.2374	.2378	.2391	.2486	.2390	.2470	.2393	.2350	.2332	.2298	.2254	.2349	.2450	35.
50.	.2294	.2318	.2295	.2456	.2359	.2404	.2402	.2373	.2331	.2239	.2233	.2304	.2365	50.
70.	.2272	.2278	.2260	.2397	.2346	.2399	.2353	.2346	.2310	.2295	.2294	.2282	.2341	70.
90.	.2302	.2292	.2275	.2436	.2394	.2394	.2421	.2384	.2355	.2365	.2341	.2282	.2300	90.
110.	.2495	.2418	.2436	.2504	.2473	.2455	.2502	.2516	.2519	.2548	.2461	.2475	.2448	110.
130.	.2836	.2895	.2833	.2976	.2908	.2856	.2888	.2934	.2933	.2903	.2921	.2942	.2898	130.
145.	.3353	.3274	.3329	.3394	.3305	.3317	.3376	.3344	.2208	.3358	.3424	.3486	.3498	145.
160.	.3669	.3685	.3691	.3762	.3701	.3659	.3771	.3759	.3684	.3649	.3723	.3784	.3811	160.
180.	.3784	.3707	.3785	.3804	.3777	.3822	.3824	.3842	.3889	.3837	.3818	.3799	.3757	180.
						FOR ALPHA = 3.35 DEG								
0.	.2576	.2524	.2574	.2659	.2608	.2610	.2575	.2593	.2556	.2581	.2603	.2606	.2598	0.
10.	.2470	.2459	.2476	.2584	.2521	.2537	.2468	.2404	.2363	.2491	.2507	.2496	.2593	10.
20.	.2326	.2382	.2364	.2487	.2453	.2521	.2340	.2357	.2323	.2354	.2325	.2356	.2572	20.
35.	.2297	.2303	.2311	.2424	.2300	.2389	.2320	.2268	.2262	.2212	.2185	.2274	.2377	35.
50.	.2246	.2263	.2230	.2385	.2298	.2338	.2348	.2301	.2253	.2196	.2161	.2249	.2296	50.
70.	.2218	.2216	.2204	.2340	.2279	.2347	.2288	.2277	.2252	.2237	.2239	.2219	.2264	70.
90.	.2239	.2237	.2224	.2387	.2344	.2333	.2372	.2324	.2303	.2306	.2276	.2228	.2238	90.
110.	.2448	.2376	.2391	.2458	.2421	.2414	.2467	.2468	.2474	.2490	.2408	.2422	.2408	110.
130.	.2855	.2912	.2848	.2985	.2929	.2874	.2898	.2952	.2946	.2921	.2943	.2960	.2916	130.
145.	.3463	.3378	.3444	.3494	.3403	.3418	.3485	.3458	.2329	.3455	.3530	.3600	.3617	145.
160.	.3868	.3868	.3859	.3943	.3884	.3857	.3945	.3926	.3860	.3829	.3926	.3973	.3987	160.
180.	.3992	.3932	.4002	.4025	.3991	.4007	.4035	.4055	.4106	.4044	.4019	.4029	.3979	180.
						FOR ALPHA = 5.34 DEG								
0.	.2251	.2239	.2253	.2350	.2295	.2304	.2271	.2267	.2234	.2286	.2276	.2288	.2314	0.
10.	.2181	.2201	.2219	.2317	.2253	.2228	.2165	.2184	.2131	.2230	.2225	.2216	.2349	10.
20.	.2113	.2154	.2165	.2292	.2202	.2247	.2127	.2161	.2101	.2134	.2124	.2131	.2359	20.
35.	.2143	.2149	.2160	.2269	.2107	.2231	.2154	.2107	.2095	.2038	.2037	.2130	.2235	35.
50.	.2106	.2128	.2112	.2229	.2125	.2213	.2181	.2161	.2107	.2052	.2025	.2102	.2144	50.
70.	.2107	.2106	.2110	.2199	.2163	.2207	.2157	.2163	.2133	.2124	.2108	.2082	.2116	70.
90.	.2110	.2118	.2116	.2235	.2237	.2201	.2243	.2219	.2181	.2178	.2133	.2076	.2149	90.
110.	.2332	.2261	.2261	.2321	.2291	.2290	.2333	.2332	.2335	.2362	.2265	.2272	.2269	110.
130.	.2847	.2890	.2841	.2978	.2960	.2864	.2884	.2936	.2940	.2946	.2936	.2950	.2940	130.
145.	.3671	.3568	.3670	.3699	.3602	.3618	.3679	.3679	.2558	.3652	.3748	.3798	.3846	145.
160.	.4236	.4234	.4233	.4335	.4255	.4201	.4322	.4303	.4253	.4204	.4276	.4338	.4367	160.
180.	.4432	.4387	.4439	.4458	.4421	.4445	.4489	.4499	.4518	.4468	.4457	.4482	.4434	180.
						FOR ALPHA = 10.36 DEG								
0.	.1597	.1589	.1593	.1691	.1632	.1647	.1598	.1604	.1614	.1661	.1679	.1701	.1704	0.
10.	.1602	.1580	.1558	.1692	.1645	.1658	.1611	.1600	.1560	.1630	.1644	.1662	.1791	10.
20.	.1609	.1600	.1551	.1720	.1658	.1756	.1669	.1652	.1622	.1637	.1623	.1671	.1906	20.
35.	.1741	.1667	.1662	.1804	.1667	.1806	.1721	.1689	.1687	.1663	.1656	.1811	.1881	35.
50.	.1743	.1706	.1704	.1821	.1748	.1833	.1802	.1798	.1766	.1722	.1723	.1829	.1858	50.
70.	.1757	.1748	.1728	.1853	.1810	.1852	.1832	.1837	.1818	.1747	.1775	.1839	.1804	70.
90.	.1710	.1686	.1667	.1826	.1798	.1840	.1886	.1850	.1765	.1724	.1737	.1743	.1698	90.
110.	.1916	.1828	.1774	.1880	.1829	.1886	.1921	.1810	.1805	.1851	.1814	.1880	.1734	110.
130.	.2725	.2796	.2706	.2888	.2875	.2879	.2784	.2831	.2852	.2833	.2887	.2908	.2860	130.
145.	.4199	.4102	.4204	.4205	.4151	.4196	.4184	.4220	.2794	.4202	.4306	.4398	.4408	145.
160.	.5257	.5282	.5265	.5332	.5268	.5322	.5349	.5291	.5246	.5250	.5333	.5375	.5433	160.
180.	.5672	.5611	.5671	.5661	.5623	.5694	.5731	.5703	.5674	.5673	.5718	.5725	.5673	180.
						FOR ALPHA = 15.34 DEG								
0.	.1093	.1100	.1095	.1228	.1202	.1227	.1203	.1215	.1239	.1334	.1324	.1236	.1208	0.
10.	.1055	.1080	.1079	.1216	.1166	.1206	.1166	.1232	.1226	.1255	.1236	.1218	.1303	10.
20.	.1043	.1088	.1056	.1210	.1161	.1260	.1225	.1305	.1238	.1215	.1193	.1175	.1353	20.
35.	.1231	.1229	.1223	.1343	.1230	.1391	.1377	.1366	.1231	.1194	.1231	.1311	.1376	35.
50.	.1289	.1297	.1289	.1446	.1342	.1483	.1550	.1486	.1346	.1293	.1301	.1364	.1453	50.
70.	.1310	.1312	.1298	.1471	.1424	.1526	.1537	.1485	.1393	.1364	.1352	.1322	.1381	70.
90.	.1145	.1107	.1088	.1267	.1270	.1386	.1444	.1317	.1229	.1222	.1185	.1152	.1160	90.
110.	.1232	.1147	.1151	.1259	.1149	.1167	.1211	.1151	.1044	.1052	.0965	.0979	.0952	110.
130.	.2506	.2549	.2556	.2747	.2689	.2656	.2590	.2752	.2684	.2628	.2652	.2642	.2627	130.
145.	.4717	.4662	.4814	.4871	.4734	.4678	.4757	.4809	.3199	.4815	.4869	.4929	.4931	145.
160.	.6362	.6350	.6423	.6529	.6479	.6388	.6439	.6433	.6401	.6472	.6491	.6492	.6540	160.
180.	.6966	.6909	.6968	.7090	.7006	.7027	.7017	.7008	.7063	.7057	.7098	.7070	.7016	180.
						FOR ALPHA = 20.35 DEG								
0.	.0814	.0805	.0873	.1016	.0914	.0891	.0849	.0884	.0861	.0920	.0921	.0899	.0898	0.
10.	.0709	.0755	.0804	.0892	.0815	.0841	.0776	.0786	.0750	.0807	.0796	.0782	.0840	10.
20.	.0606	.0683	.0644	.0762	.0705	.0830	.0737	.0726	.0683	.0711	.0674	.0686	.0760	20.
35.	.0820	.0924	.0819	.0941	.0838	.0973	.0844	.0781	.0753	.0730	.0745	.0816	.0792	35.
50.	.0924	.1010	.0947	.1088	.0991	.1101	.1039	.1015	.0981	.0931	.0920	.0934	.0920	50.
70.	.0930	.1034	.0968	.1105	.1024	.1097	.1030	.1039	.1012	.0935	.1011	.0901	.0863	70.
90.	.0509	.0605	.0511	.0659	.0635	.0687	.0741	.0693	.0650	.0635	.0610	.0561	.0469	90.
110.	.0479	.0501	.0402	.0433	.0322	.0334	.0305	.0245	.0189	.0133	.0062	.0048	-.0081	110.
130.	.2366	.2527	.2461	.2497	.2492	.2527	.2407	.2523	.2491	.2480	.2508	.2566	.2464	130.
145.	.5376	.5394	.5512	.5481	.5329	.5328	.5378	.5395	.3947	.5401	.5513	.5597	.5510	145.
160.	.7591	.7607	.7676	.7721	.7634	.7589	.7629	.7634	.7580	.7575	.7613	.7668	.7546	160.
180.	.8445	.8417	.8449	.8482	.8428	.8454	.8443	.8421	.8444	.8445	.8463	.8444	.8198	180.

TABLE VI. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.65 DEG								
0.	.3808	.3488	.3751	.3793	.3886	.3921	.3912	.3994	.4050	.4050	.4008	.4017	.4030	.4017
10.				.3305	.3233	.3433	.3470	.3545	.3542	.3454	.3496	.3476	.3457	.3443
20.		.2995	.2733	.2804	.2812	.2787	.2906	.2923	.2830	.2939	.2866	.2889	.2856	.2893
35.				.2531	.2579	.2691	.2701	.2682	.2687	.2582	.2635	.2700	.2671	.2686
50.	.2393	.2447	.2364	.2492	.2500	.2657	.2657	.2554	.2583	.2638	.2592	.2603	.2561	.2592
70.				.2369	.2495	.2609	.2574	.2511	.2527	.2514	.2503	.2492	.2422	.2389
90.	.2353	.2338	.2358	.2362	.2457	.2536	.2513	.2479	.2491	.2482	.2482	.2474	.2396	.2367
110.					.2421	.2455	.2431	.2429	.2447	.2429	.2423	.2435	.2413	.2362
130.				.2425	.2422	.2436	.2434	.2433	.2449	.2449	.2418	.2403	.2397	.2409
145.	.2290	.2280	.2257	.2418	.2436	.2421	.2440	.2420	.2443	.2458	.2431	.2415	.2358	.2369
160.				.2405	.2450	.2470	.2455	.2460	.2457	.2450	.2429	.2413	.2302	.2390
180.	.2246	.2386	.2469	.2422	.2465	.2467	.2469	.2497	.2477	.2488	.2482	.2440	.2442	.2389
200.				.2575	.2574	.2581	.2572	.2568	.2526	.2540	.2582	.2590	.2494	.2540
215.	.2497	.2533	.2507	.2660	.2673	.2652	.2682	.2638	.2611	.2658	.2699	.2681	.2654	.2633
230.				.2704	.2748	.2791	.2772	.2748	.2719	.2779	.2773	.2743	.2748	.2760
250.					.2767	.2837	.2820	.2799	.2765	.2823	.2805	.2817	.2786	.2794
270.	.2724	.2726	.2631	.2746	.2808	.2905	.2923	.2850	.2823	.2844	.2868	.2885	.2795	.2780
290.				.2770	.2854	.2966	.2982	.2888	.2877	.2857	.2886	.2901	.2824	.2790
310.	.2786	.2846	.2765	.2898	.2888	.3036	.3066	.2944	.2933	.2985	.2993	.3016	.2989	.3003
325.				.2991	.2992	.3097	.3119	.3083	.3066	.2908	.3076	.3137	.3098	.3105
340.		.3391	.3171	.3252	.3263	.3250	.3379	.3363	.3245	.3330	.3333	.3364	.3321	.3344
350.				.3642	.3534	.3741	.3797	.3834	.3804	.3717	.3810	.3831	.3801	.3747
						FOR ALPHA = -2.65 DEG								
0.	.3410	.3134	.3366	.3401	.3490	.3514	.3536	.3590	.3625	.3614	.3593	.3589	.3573	.3589
10.				.2992	.2936	.3127	.3198	.3235	.3190	.3110	.3165	.3137	.3128	.3072
20.		.2781	.2539	.2593	.2643	.2615	.2740	.2758	.2639	.2738	.2658	.2704	.2649	.2662
35.				.2428	.2472	.2542	.2572	.2570	.2551	.2417	.2498	.2580	.2518	.2512
50.	.2306	.2393	.2301	.2377	.2413	.2521	.2558	.2465	.2478	.2502	.2460	.2470	.2449	.2463
70.				.2312	.2411	.2496	.2503	.2439	.2475	.2417	.2377	.2388	.2327	.2311
90.	.2341	.2285	.2268	.2342	.2406	.2472	.2466	.2433	.2450	.2439	.2406	.2416	.2341	.2339
110.					.2420	.2473	.2444	.2433	.2454	.2447	.2425	.2434	.2421	.2389
130.				.2502	.2526	.2544	.2543	.2515	.2544	.2568	.2543	.2527	.2524	.2522
145.	.2547	.2508	.2441	.2665	.2646	.2639	.2640	.2622	.2641	.2672	.2685	.2670	.2618	.2586
160.				.2667	.2750	.2751	.2730	.2738	.2748	.2776	.2752	.2746	.2645	.2686
180.	.2575	.2720	.2832	.2721	.2789	.2785	.2783	.2841	.2845	.2841	.2833	.2769	.2785	.2748
200.				.2864	.2914	.2923	.2885	.2899	.2906	.2908	.2874	.2910	.2842	.2890
215.	.2806	.2822	.2795	.2917	.2953	.2930	.2963	.2944	.2921	.2925	.2944	.3015	.2962	.2935
230.				.2895	.2929	.2932	.2948	.2946	.2925	.2891	.2946	.2973	.2942	.2958
250.					.2838	.2863	.2859	.2877	.2859	.2817	.2852	.2901	.2872	.2835
270.	.2735	.2759	.2733	.2713	.2810	.2886	.2889	.2841	.2841	.2777	.2858	.2857	.2774	.2766
290.				.2702	.2822	.2917	.2923	.2838	.2843	.2764	.2798	.2843	.2749	.2727
310.	.2714	.2822	.2721	.2794	.2792	.2959	.2966	.2856	.2864	.2868	.2856	.2919	.2869	.2882
325.				.2873	.2879	.2992	.3023	.2970	.2952	.2800	.2878	.3032	.2950	.2953
340.		.3196	.2974	.3070	.3047	.3087	.3216	.3182	.3057	.3162	.3083	.3182	.3132	.3111
350.				.3349	.3217	.3418	.3491	.3509	.3476	.3411	.3464	.3466	.3458	.3383
						FOR ALPHA = -1.64 DEG								
0.	.3216	.2959	.3182	.3227	.3300	.3330	.3343	.3403	.3426	.3417	.3388	.3366	.3366	.3381
10.				.2856	.2805	.2999	.3049	.3080	.3054	.2964	.3000	.2977	.2966	.2930
20.		.2668	.2442	.2507	.2542	.2533	.2669	.2668	.2558	.2638	.2581	.2598	.2549	.2571
35.				.2346	.2415	.2499	.2519	.2496	.2492	.2352	.2433	.2502	.2433	.2447
50.	.2258	.2361	.2291	.2316	.2358	.2482	.2504	.2431	.2415	.2426	.2397	.2416	.2376	.2390
70.				.2274	.2375	.2463	.2453	.2400	.2413	.2363	.2342	.2340	.2273	.2261
90.	.2318	.2258	.2227	.2309	.2376	.2443	.2441	.2413	.2426	.2397	.2364	.2381	.2317	.2303
110.					.2415	.2450	.2421	.2441	.2454	.2444	.2408	.2420	.2409	.2382
130.				.2555	.2544	.2572	.2576	.2567	.2588	.2598	.2593	.2573	.2560	.2571
145.	.2670	.2623	.2568	.2747	.2764	.2737	.2750	.2729	.2738	.2770	.2779	.2779	.2727	.2702
160.				.2846	.2904	.2911	.2879	.2892	.2892	.2913	.2902	.2911	.2811	.2859
180.	.2738	.2886	.3030	.2906	.2952	.2960	.2957	.3013	.3018	.3035	.3013	.2969	.2972	.2940
200.				.3021	.3064	.3113	.3081	.3087	.3076	.3073	.3050	.3087	.3016	.3058
215.	.2940	.2941	.2968	.3037	.3078	.3073	.3104	.3080	.3076	.3055	.3082	.3135	.3107	.3055
230.				.2929	.2981	.2997	.3005	.2990	.2980	.2943	.3013	.3011	.3017	.3024
250.					.2838	.2890	.2850	.2862	.2848	.2791	.2866	.2868	.2852	.2839
270.	.2719	.2695	.2724	.2668	.2761	.2856	.2852	.2808	.2799	.2748	.2807	.2811	.2727	.2730
290.				.2643	.2729	.2874	.2862	.2778	.2791	.2715	.2773	.2760	.2695	.2668
310.	.2662	.2755	.2696	.2732	.2721	.2883	.2903	.2790	.2803	.2809	.2771	.2842	.2793	.2804
325.				.2807	.2799	.2924	.2925	.2899	.2876	.2712	.2774	.2929	.2861	.2862
340.		.3069	.2848	.2976	.2944	.2968	.3099	.3076	.2950	.3048	.2975	.3015	.2981	.3005
350.				.3202	.3061	.3252	.3326	.3357	.3313	.3245	.3302	.3278	.3281	.3224
						FOR ALPHA = -.65 DEG								
0.	.3049	.2782	.2999	.3039	.3116	.3158	.3163	.3204	.3226	.3222	.3196	.3171	.3164	.3206
10.				.2719	.2674	.2852	.2884	.2946	.2896	.2812	.2859	.2820	.2810	.2796
20.		.2571	.2341	.2420	.2477	.2450	.2582	.2565	.2466	.2551	.2496	.2503	.2448	.2488
35.				.2298	.2374	.2442	.2466	.2431	.2419	.2281	.2358	.2419	.2367	.2367
50.	.2227	.2302	.2217	.2263	.2309	.2439	.2456	.2349	.2348	.2380	.2337	.2360	.2301	.2318
70.				.2225	.2318	.2432	.2425	.2360	.2350	.2324	.2301	.2298	.2223	.2210
90.	.2298	.2244	.2227	.2264	.2346	.2412	.2402	.2381	.2367	.2357	.2336	.2343	.2272	.2266
110.					.2385	.2419	.2412	.2440	.2441	.2415	.2384	.2408	.2395	.2377
130.				.2576	.2586	.2584	.2610	.2584	.2615	.2621	.2620	.2597	.2591	.2611
145.	.2791	.2719	.2720	.2831	.2872	.2833	.2856	.2826	.2833	.2867	.2889	.2893	.2850	.2815
160.				.3011	.3078	.3048	.3042	.3041	.3041	.3072	.3061	.3080	.2991	.3022
180.	.2917	.3051	.3223	.3104	.3135	.3132	.3143	.3188	.3199	.3219	.3203	.3161	.3164	.3122
200.				.3224	.3227	.3269	.3262	.3243	.3262	.3256	.3221	.3265	.3191	.3241
215.	.3097	.3061	.3084	.3178	.3186	.3215	.3234	.3189	.3206	.3176	.3203	.3255	.3238	.3197
230.				.3011	.3013	.3041	.3046	.3034	.3042	.3006	.3064	.3056	.3068	.3089
250.					.2788	.2865	.2815	.2852	.2834	.2796	.2836	.2860	.2834	.2822
270.	.2678	.2649	.2702	.2654	.2718	.2799	.2800	.2765	.2758	.2683	.2758	.2758	.2695	.2684
290.				.2610	.2684	.2793	.2812	.2723	.2733	.2657	.2688	.2707	.2622	.2600
310.	.2604	.2709	.2661	.2671	.2642	.2804	.2821	.2734	.2739	.2736	.2690	.2769	.2703	.2721
325.				.2725	.2718	.2831	.2835	.2811	.2791	.2620	.2702	.2842	.2759	.2761
340.		.2942	.2732	.2852	.2845	.2867	.2992	.2945	.2839	.2923	.2869	.2886	.2851	.2883
350.				.3048	.2896	.3102	.3175	.3170	.3139	.3078	.3132	.3101	.3094	.3060

TABLE VI. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.65 DEG								
0.	.4004	.4003	.4058	.4122	.4081	.4087	.4037	.4041	.4026	.4056	.4047	.4127	.4105	0.
10.	.3500	.3520	.3553	.3614	.3584	.3544	.3535	.3486	.3418	.3545	.3541	.3576	.3593	10.
20.	.2898	.2984	.2934	.3048	.3010	.3134	.2998	.2967	.2935	.3027	.2998	.3036	.3240	20.
35.	.2706	.2662	.2686	.2703	.2606	.2741	.2694	.2685	.2704	.2646	.2580	.2689	.2802	35.
50.	.2560	.2562	.2464	.2595	.2555	.2621	.2653	.2638	.2600	.2517	.2469	.2576	.2673	50.
70.	.2441	.2423	.2337	.2476	.2485	.2542	.2523	.2515	.2470	.2431	.2450	.2479	.2545	70.
90.	.2407	.2365	.2342	.2517	.2462	.2440	.2487	.2444	.2411	.2431	.2426	.2422	.2422	90.
110.	.2395	.2357	.2369	.2426	.2374	.2376	.2414	.2397	.2427	.2469	.2492	.2418	.2362	110.
130.	.2377	.2398	.2295	.2476	.2447	.2416	.2404	.2449	.2495	.2452	.2517	.2434	.2355	130.
145.	.2437	.2291	.2318	.2413	.2386	.2403	.2433	.2433	.1232	.2440	.2451	.2588	.2518	145.
160.	.2439	.2412	.2371	.2472	.2467	.2465	.2487	.2461	.2416	.2423	.2449	.2511	.2567	160.
180.	.2427	.2424	.2477	.2534	.2513	.2532	.2538	.2498	.2476	.2485	.2482	.2481	.2438	180.
200.	.2489	.2552	.2569	.2674	.2677	.2666	.2670	.2631	.2547	.2530	.2582	.2630	.2674	200.
215.	.2634	.2585	.2630	.2709	.2736	.2729	.2676	.2646	.1312	.2685	.2714	.2755	.2746	215.
230.	.2685	.2781	.2688	.2850	.2884	.2836	.2752	.2767	.2780	.2792	.2795	.2782	.2725	230.
250.	.2830	.2767	.2771	.2826	.2783	.2819	.2850	.2767	.2784	.2832	.2771	.2801	.2784	250.
270.	.2824	.2816	.2783	.2898	.2861	.2832	.2890	.2879	.2635	.2785	.2784	.2756	.2815	270.
290.	.2845	.2861	.2814	.2896	.2875	.2926	.2904	.2914	.2864	.2876	.2831	.2818	.2923	290.
310.	.2973	.2978	.2944	.3030	.2971	.3049	.3045	.3026	.2961	.2870	.2887	.2999	.3026	310.
325.	.3148	.3119	.3115	.3182	.3060	.3210	.3156	.3089	.3094	.3021	.2982	.3110	.3211	325.
340.	.3359	.3409	.3409	.3494	.3471	.3606	.3456	.3452	.3396	.3427	.3405	.3403	.3669	340.
350.	.3820	.3826	.3880	.3917	.3884	.3882	.3865	.3847	.3754	.3858	.3856	.3878	.4008	350.
						FOR ALPHA = -2.65 DEG								
0.	.3601	.3582	.3647	.3733	.3669	.3673	.3636	.3630	.3610	.3632	.3654	.3697	.3686	0.
10.	.3185	.3199	.3249	.3263	.3257	.3234	.3211	.3190	.3096	.3199	.3215	.3231	.3370	10.
20.	.2709	.2796	.2754	.2870	.2810	.2927	.2793	.2783	.2751	.2784	.2773	.2804	.3041	20.
35.	.2562	.2543	.2553	.2601	.2472	.2617	.2549	.2539	.2551	.2517	.2482	.2540	.2698	35.
50.	.2445	.2424	.2393	.2495	.2421	.2504	.2513	.2547	.2500	.2409	.2360	.2465	.2558	50.
70.	.2351	.2343	.2270	.2390	.2376	.2469	.2473	.2468	.2412	.2348	.2368	.2384	.2493	70.
90.	.2333	.2315	.2246	.2430	.2426	.2416	.2464	.2405	.2361	.2351	.2355	.2392	.2348	90.
110.	.2414	.2309	.2335	.2460	.2399	.2406	.2409	.2387	.2414	.2469	.2484	.2442	.2381	110.
130.	.2442	.2497	.2476	.2609	.2554	.2518	.2482	.2559	.2581	.2617	.2637	.2597	.2471	130.
145.	.2561	.2580	.2591	.2646	.2581	.2595	.2615	.2643	.1496	.2668	.2712	.2738	.2790	145.
160.	.2665	.2703	.2752	.2795	.2748	.2733	.2780	.2787	.2740	.2713	.2767	.2814	.2881	160.
180.	.2766	.2722	.2775	.2887	.2868	.2870	.2844	.2825	.2865	.2847	.2834	.2854	.2782	180.
200.	.2868	.2874	.2889	.3023	.2980	.2954	.3054	.3043	.2943	.2874	.2900	.2987	.3031	200.
215.	.2940	.2851	.2934	.3006	.2941	.2978	.3032	.3033	.1626	.2959	.3017	.3038	.3059	215.
230.	.2876	.2967	.2893	.3043	.2990	.2972	.3006	.2998	.2990	.2943	.2997	.2988	.2911	230.
250.	.2860	.2805	.2849	.2878	.2831	.2841	.2857	.2885	.2672	.2842	.2829	.2843	.2831	250.
270.	.2778	.2776	.2759	.2879	.2842	.2838	.2886	.2839	.2778	.2795	.2783	.2745	.2794	270.
290.	.2787	.2776	.2739	.2849	.2823	.2885	.2886	.2859	.2819	.2747	.2753	.2801	.2868	290.
310.	.2871	.2872	.2847	.2942	.2894	.2969	.2980	.2972	.2870	.2801	.2770	.2846	.2924	310.
325.	.3000	.2982	.3005	.3083	.2947	.3114	.3033	.3011	.2996	.2918	.2889	.2955	.3069	325.
340.	.3164	.3251	.3218	.3306	.3295	.3394	.3266	.3272	.3217	.3237	.3185	.3228	.3463	340.
350.	.3485	.3529	.3556	.3599	.3571	.3572	.3567	.3521	.3429	.3560	.3543	.3547	.3686	350.
						FOR ALPHA = -1.64 DEG								
0.	.3404	.3388	.3448	.3528	.3469	.3465	.3439	.3429	.3399	.3446	.3448	.3500	.3488	0.
10.	.3026	.3051	.3091	.3148	.3095	.3085	.3060	.3032	.2944	.3045	.3062	.3079	.3224	10.
20.	.2607	.2684	.2645	.2783	.2726	.2820	.2674	.2675	.2653	.2690	.2663	.2683	.2916	20.
35.	.2497	.2471	.2471	.2551	.2420	.2552	.2477	.2451	.2486	.2451	.2412	.2467	.2626	35.
50.	.2377	.2373	.2340	.2432	.2384	.2454	.2472	.2476	.2435	.2371	.2316	.2434	.2502	50.
70.	.2303	.2291	.2225	.2350	.2326	.2409	.2422	.2427	.2374	.2307	.2301	.2317	.2447	70.
90.	.2286	.2273	.2211	.2385	.2384	.2385	.2432	.2385	.2326	.2317	.2308	.2355	.2311	90.
110.	.2400	.2300	.2304	.2453	.2398	.2409	.2422	.2373	.2407	.2482	.2448	.2437	.2367	110.
130.	.2477	.2524	.2510	.2666	.2601	.2554	.2512	.2588	.2617	.2642	.2659	.2668	.2517	130.
145.	.2674	.2625	.2731	.2775	.2678	.2700	.2711	.2740	.1609	.2768	.2838	.2838	.2897	145.
160.	.2807	.2819	.2929	.2971	.2909	.2875	.2925	.2935	.2888	.2878	.2916	.2966	.3046	160.
180.	.2963	.2884	.2952	.3040	.3056	.3059	.3012	.2999	.3031	.3044	.3029	.3024	.2976	180.
200.	.3033	.3062	.3049	.3180	.3152	.3110	.3179	.3237	.3142	.3065	.3067	.3153	.3203	200.
215.	.3058	.3014	.3056	.3139	.3054	.3075	.3156	.3170	.1767	.3079	.3123	.3205	.3184	215.
230.	.2938	.3023	.2961	.3095	.3054	.3028	.2998	.3095	.3048	.3018	.3055	.3050	.2982	230.
250.	.2850	.2817	.2812	.2866	.2832	.2841	.2874	.2835	.2674	.2902	.2823	.2863	.2810	250.
270.	.2747	.2727	.2706	.2848	.2809	.2819	.2859	.2801	.2743	.2736	.2764	.2720	.2755	270.
290.	.2730	.2708	.2681	.2809	.2777	.2837	.2630	.2809	.2775	.2696	.2684	.2722	.2819	290.
310.	.2794	.2803	.2764	.2893	.2836	.2910	.2920	.2893	.2813	.2745	.2705	.2771	.2813	310.
325.	.2918	.2912	.2915	.2989	.2891	.3020	.2957	.2930	.2900	.2843	.2798	.2883	.2984	325.
340.	.3036	.3129	.3096	.3198	.3172	.3290	.3151	.3144	.3115	.3118	.3076	.3110	.3331	340.
350.	.3341	.3353	.3393	.3463	.3395	.3396	.3391	.3364	.3279	.3386	.3370	.3358	.3527	350.
						FOR ALPHA = -.65 DEG								
0.	.3213	.3200	.3276	.3345	.3274	.3286	.3246	.3247	.3220	.3252	.3258	.3312	.3313	0.
10.	.2882	.2896	.2930	.3002	.2956	.2931	.2912	.2872	.2799	.2915	.2906	.2920	.3071	10.
20.	.2523	.2606	.2555	.2681	.2632	.2727	.2597	.2586	.2553	.2596	.2561	.2588	.2826	20.
35.	.2422	.2406	.2394	.2487	.2359	.2492	.2423	.2381	.2411	.2381	.2339	.2418	.2570	35.
50.	.2330	.2314	.2293	.2389	.2324	.2396	.2415	.2414	.2373	.2311	.2261	.2361	.2453	50.
70.	.2253	.2236	.2186	.2296	.2275	.2374	.2363	.2379	.2318	.2261	.2274	.2275	.2389	70.
90.	.2250	.2233	.2181	.2352	.2337	.2360	.2403	.2363	.2303	.2275	.2285	.2315	.2279	90.
110.	.2397	.2281	.2285	.2392	.2397	.2414	.2413	.2364	.2367	.2464	.2436	.2426	.2346	110.
130.	.2522	.2576	.2503	.2713	.2648	.2603	.2553	.2616	.2652	.2663	.2690	.2731	.2568	130.
145.	.2772	.2739	.2606	.2906	.2793	.2786	.2820	.2838	.1722	.2871	.2944	.2959	.3032	145.
160.	.2969	.2990	.3019	.3180	.3071	.3026	.3091	.3083	.3050	.3039	.3077	.3143	.3198	160.
180.	.3163	.3085	.3136	.3199	.3233	.3254	.3212	.3181	.3203	.3239	.3234	.3231	.3160	180.
200.	.3217	.3244	.3242	.3333	.3317	.3284	.3325	.3392	.3323	.3261	.3260	.3317	.3374	200.
215.	.3181	.3124	.3202	.3256	.3174	.3192	.3201	.3308	.1920	.3211	.3254	.3312	.3330	215.
230.	.2969	.3072	.3009	.3152	.3099	.3049	.3018	.3163	.3112	.3071	.3086	.3098	.3035	230.
250.	.2839	.2769	.2795	.2854	.2823	.2834	.2844	.2815	.2855	.2907	.2810	.2833	.2791	250.
270.	.2700	.2674	.2654	.2801	.2766	.2788	.2826	.2762	.2691	.2672	.2731	.2681	.2712	270.
290.	.2656	.2654	.2641	.2752	.2737	.2779	.2787	.2758	.2714	.2649	.2625	.2654	.2771	290.
310.	.2710	.2745	.2702	.2826	.2768	.2845	.2867	.2823	.2750	.2676	.2626	.2710	.2749	310.
325.	.2832	.2831	.2827	.2919	.2814	.2951	.2872	.2849	.2817	.2755	.2723	.2804	.2892	325.
340.	.2937	.3007	.2979	.3077	.3040	.3159	.3030	.3021	.2984	.2986	.2939	.2984	.3201	340.
350.	.3165	.3205	.3232	.3290	.3226	.3243	.3234	.3199	.3124	.3226	.3203	.3207	.3363	350.

TABLE VI. - CONTINUED

(B) MACH = 1.70, BETA = 1.09 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = .35 DEG								
0.	.2882	.2627	.2829	.2873	.2938	.2979	.2976	.3026	.3057	.3045	.3000	.2988	.2992	.3013
10.				.2586	.2540	.2709	.2741	.2777	.2771	.2672	.2696	.2675	.2656	.2642
20.		.2470	.2241	.2341	.2401	.2370	.2482	.2478	.2391	.2446	.2380	.2394	.2348	.2386
35.				.2252	.2309	.2379	.2400	.2373	.2344	.2204	.2296	.2347	.2269	.2299
50.	.2165	.2267	.2220	.2222	.2253	.2378	.2392	.2301	.2304	.2326	.2285	.2292	.2224	.2254
70.				.2179	.2263	.2369	.2388	.2306	.2305	.2261	.2253	.2257	.2167	.2142
90.	.2249	.2210	.2215	.2239	.2281	.2379	.2382	.2342	.2325	.2294	.2284	.2296	.2236	.2222
110.					.2363	.2401	.2382	.2409	.2413	.2376	.2337	.2382	.2374	.2358
130.				.2617	.2605	.2598	.2616	.2624	.2656	.2631	.2614	.2622	.2606	.2650
145.	.2917	.2818	.2815	.2936	.2997	.2954	.2978	.2941	.2954	.2961	.2979	.2989	.2935	.2926
160.				.3179	.3266	.3210	.3215	.3214	.3215	.3222	.3211	.3246	.3158	.3206
180.	.3115	.3246	.3403	.3317	.3340	.3328	.3350	.3376	.3389	.3413	.3391	.3357	.3375	.3323
200.				.3410	.3414	.3450	.3445	.3422	.3425	.3432	.3387	.3445	.3363	.3437
215.	.3246	.3188	.3211	.3349	.3304	.3313	.3341	.3315	.3321	.3301	.3339	.3381	.3362	.3332
230.				.3067	.3026	.3074	.3086	.3069	.3078	.3052	.3111	.3096	.3104	.3147
250.					.2748	.2828	.2804	.2833	.2801	.2759	.2812	.2831	.2810	.2807
270.	.2656	.2616	.2672	.2600	.2672	.2750	.2756	.2721	.2709	.2640	.2709	.2709	.2636	.2624
290.				.2551	.2628	.2740	.2754	.2662	.2671	.2595	.2616	.2639	.2545	.2542
310.	.2553	.2644	.2638	.2612	.2582	.2750	.2748	.2649	.2651	.2659	.2621	.2677	.2608	.2642
325.				.2650	.2647	.2757	.2751	.2710	.2704	.2535	.2626	.2732	.2659	.2682
340.		.2823	.2616	.2730	.2741	.2753	.2876	.2807	.2719	.2808	.2746	.2755	.2738	.2774
350.				.2895	.2754	.2950	.3005	.3002	.2973	.2904	.2961	.2946	.2937	.2906
						FOR ALPHA = 1.35 DEG								
0.	.2712	.2476	.2670	.2706	.2777	.2810	.2799	.2856	.2885	.2865	.2824	.2824	.2817	.2839
10.				.2482	.2408	.2563	.2616	.2657	.2631	.2550	.2561	.2556	.2541	.2518
20.		.2373	.2166	.2275	.2309	.2285	.2400	.2398	.2311	.2379	.2297	.2296	.2272	.2308
35.				.2210	.2258	.2313	.2328	.2319	.2293	.2142	.2221	.2281	.2213	.2235
50.	.2121	.2205	.2130	.2192	.2213	.2322	.2345	.2244	.2251	.2260	.2223	.2231	.2162	.2205
70.				.2145	.2231	.2330	.2345	.2258	.2254	.2214	.2207	.2205	.2118	.2099
90.	.2215	.2176	.2155	.2227	.2247	.2347	.2350	.2296	.2283	.2253	.2250	.2271	.2181	.2176
110.					.2317	.2382	.2373	.2390	.2369	.2348	.2320	.2360	.2348	.2320
130.				.2628	.2621	.2619	.2633	.2639	.2672	.2651	.2632	.2640	.2628	.2682
145.	.3043	.2942	.2896	.3091	.3105	.3067	.3061	.3058	.3072	.3053	.3079	.3104	.3049	.3039
160.				.3374	.3436	.3403	.3373	.3390	.3397	.3393	.3379	.3426	.3333	.3383
180.	.3299	.3440	.3567	.3513	.3564	.3521	.3533	.3582	.3583	.3609	.3592	.3568	.3589	.3531
200.				.3612	.3609	.3610	.3623	.3613	.3600	.3625	.3582	.3633	.3556	.3626
215.	.3405	.3329	.3344	.3475	.3433	.3426	.3476	.3433	.3447	.3436	.3467	.3506	.3472	.3447
230.				.3093	.3054	.3113	.3130	.3095	.3114	.3077	.3152	.3132	.3142	.3173
250.					.2759	.2792	.2783	.2800	.2779	.2731	.2785	.2803	.2799	.2766
270.	.2637	.2591	.2601	.2568	.2618	.2713	.2723	.2672	.2641	.2603	.2645	.2656	.2581	.2558
290.				.2494	.2574	.2689	.2692	.2619	.2599	.2538	.2583	.2562	.2471	.2491
310.	.2484	.2560	.2557	.2536	.2546	.2685	.2678	.2570	.2573	.2584	.2508	.2593	.2536	.2574
325.				.2572	.2573	.2703	.2657	.2608	.2633	.2451	.2536	.2628	.2561	.2605
340.		.2695	.2507	.2609	.2628	.2663	.2762	.2698	.2608	.2690	.2620	.2645	.2619	.2662
350.				.2736	.2613	.2800	.2841	.2835	.2814	.2752	.2792	.2789	.2796	.2745
						FOR ALPHA = 2.34 DEG								
0.	.2556	.2337	.2514	.2550	.2613	.2640	.2640	.2698	.2707	.2689	.2660	.2661	.2655	.2675
10.				.2364	.2266	.2424	.2475	.2543	.2480	.2404	.2422	.2426	.2402	.2390
20.		.2271	.2082	.2208	.2214	.2198	.2322	.2319	.2217	.2275	.2212	.2215	.2202	.2228
35.				.2154	.2178	.2233	.2258	.2238	.2218	.2066	.2143	.2194	.2164	.2171
50.	.2068	.2146	.2044	.2147	.2149	.2248	.2273	.2200	.2186	.2202	.2155	.2164	.2116	.2167
70.				.2110	.2185	.2271	.2273	.2205	.2188	.2160	.2134	.2149	.2047	.2060
90.	.2172	.2122	.2063	.2182	.2212	.2292	.2298	.2238	.2207	.2206	.2188	.2212	.2134	.2125
110.					.2289	.2352	.2332	.2337	.2318	.2318	.2278	.2307	.2301	.2277
130.				.2642	.2614	.2640	.2656	.2634	.2645	.2676	.2642	.2648	.2642	.2679
145.	.3181	.3043	.2972	.3227	.3215	.3189	.3175	.3150	.3147	.3158	.3171	.3186	.3154	.3129
160.				.3546	.3619	.3607	.3568	.3557	.3543	.3574	.3560	.3577	.3506	.3563
180.	.3501	.3633	.3761	.3720	.3791	.3734	.3743	.3783	.3784	.3804	.3801	.3777	.3798	.3733
200.				.3780	.3809	.3811	.3796	.3792	.3789	.3813	.3766	.3832	.3758	.3818
215.	.3555	.3458	.3473	.3591	.3583	.3570	.3594	.3547	.3543	.3537	.3592	.3618	.3588	.3576
230.				.3117	.3117	.3117	.3153	.3118	.3139	.3109	.3181	.3150	.3165	.3199
250.					.2705	.2748	.2740	.2753	.2744	.2692	.2745	.2768	.2757	.2732
270.	.2578	.2530	.2499	.2517	.2580	.2647	.2654	.2619	.2577	.2549	.2588	.2589	.2527	.2512
290.				.2443	.2523	.2630	.2636	.2548	.2535	.2470	.2507	.2493	.2422	.2419
310.	.2430	.2454	.2430	.2470	.2479	.2613	.2589	.2501	.2509	.2502	.2491	.2487	.2444	.2509
325.				.2512	.2508	.2606	.2574	.2538	.2531	.2345	.2448	.2529	.2492	.2535
340.		.2593	.2398	.2494	.2534	.2551	.2635	.2570	.2484	.2558	.2504	.2535	.2505	.2565
350.				.2586	.2471	.2649	.2682	.2682	.2651	.2589	.2644	.2657	.2633	.2595
						FOR ALPHA = 3.35 DEG								
0.	.2406	.2205	.2361	.2389	.2458	.2469	.2483	.2512	.2550	.2521	.2514	.2511	.2501	.2523
10.				.2246	.2134	.2296	.2363	.2388	.2331	.2266	.2309	.2296	.2277	.2271
20.		.2192	.2005	.2133	.2104	.2116	.2251	.2217	.2114	.2190	.2122	.2124	.2099	.2138
35.				.2108	.2088	.2176	.2200	.2161	.2145	.1984	.2070	.2133	.2080	.2096
50.	.2005	.2099	.1987	.2092	.2057	.2184	.2217	.2130	.2128	.2130	.2083	.2116	.2066	.2098
70.				.2066	.2112	.2197	.2222	.2152	.2134	.2106	.2081	.2097	.2002	.2016
90.	.2112	.2071	.2052	.2141	.2106	.2205	.2233	.2174	.2153	.2137	.2130	.2154	.2087	.2078
110.					.2247	.2289	.2282	.2264	.2271	.2263	.2221	.2264	.2248	.2223
130.				.2676	.2596	.2644	.2654	.2608	.2634	.2658	.2622	.2645	.2636	.2683
145.	.3315	.3127	.3141	.3360	.3311	.3310	.3265	.3243	.3262	.3259	.3272	.3270	.3255	.3234
160.				.3757	.3800	.3788	.3733	.3722	.3728	.3743	.3737	.3756	.3695	.3743
180.	.3722	.3858	.3986	.3935	.3998	.3951	.3940	.3999	.3993	.4006	.4016	.3996	.4028	.3964
200.				.3972	.3995	.4004	.3982	.3976	.3991	.3995	.3962	.4031	.3957	.4007
215.	.3721	.3568	.3589	.3715	.3707	.3703	.3700	.3675	.3683	.3663	.3756	.3748	.3724	.3703
230.				.3137	.3139	.3137	.3153	.3133	.3155	.3152	.3196	.3164	.3179	.3233
250.					.2684	.2719	.2698	.2719	.2688	.2681	.2684	.2728	.2699	.2691
270.	.2524	.2461	.2492	.2500	.2500	.2597	.2583	.2547	.2515	.2499	.2520	.2531	.2458	.2449
290.				.2384	.2479	.2566	.2562	.2466	.2470	.2416	.2443	.2415	.2357	.2364
310.	.2383	.2422	.2362	.2421	.2425	.2539	.2521	.2419	.2425	.2425	.2417	.2409	.2384	.2455
325.				.2447	.2444	.2521	.2486	.2450	.2432	.2239	.2376	.2448	.2431	.2445
340.		.2474	.2310	.2391	.2435	.2440	.2516	.2459	.2359	.2449	.2406	.2416	.2407	.2457
350.				.2451	.2334	.2493	.2536	.2528	.2494	.2441	.2511	.2522	.2502	.2474

TABLE VI. - CONTINUED

(B) MACH = 1.70, BETA = 1.09 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = .35 DEG								
0.	.3041	.3030	.3092	.3162	.3092	.3094	.3064	.3059	.3037	.3067	.3073	.3136	.3127	0.
10.	.2747	.2765	.2796	.2840	.2807	.2795	.2775	.2737	.2648	.2759	.2778	.2795	.2934	10.
20.	.2435	.2503	.2464	.2558	.2527	.2622	.2504	.2497	.2435	.2484	.2458	.2480	.2735	20.
35.	.2360	.2318	.2323	.2420	.2279	.2429	.2343	.2317	.2338	.2292	.2265	.2346	.2515	35.
50.	.2259	.2234	.2217	.2314	.2266	.2345	.2328	.2342	.2286	.2254	.2207	.2301	.2397	50.
70.	.2196	.2200	.2147	.2247	.2229	.2313	.2319	.2330	.2267	.2214	.2209	.2252	.2334	70.
90.	.2202	.2202	.2138	.2310	.2279	.2317	.2382	.2324	.2268	.2224	.2238	.2273	.2229	90.
110.	.2350	.2257	.2261	.2372	.2373	.2383	.2399	.2352	.2349	.2445	.2384	.2394	.2318	110.
130.	.2543	.2595	.2502	.2743	.2681	.2626	.2564	.2625	.2681	.2691	.2695	.2763	.2595	130.
145.	.2883	.2826	.2872	.3004	.2918	.2884	.2904	.2922	.1840	.2969	.3050	.3064	.3134	145.
160.	.3159	.3149	.3170	.3331	.3273	.3204	.3246	.3241	.3198	.3208	.3261	.3307	.3373	160.
180.	.3360	.3284	.3328	.3373	.3413	.3448	.3403	.3374	.3375	.3437	.3443	.3426	.3359	180.
200.	.3397	.3419	.3430	.3515	.3493	.3447	.3500	.3526	.3523	.3459	.3441	.3493	.3554	200.
215.	.3296	.3242	.3325	.3385	.3312	.3288	.3316	.3413	.2072	.3350	.3373	.3437	.3462	215.
230.	.3028	.3104	.3060	.3197	.3155	.3096	.3039	.3187	.3170	.3130	.3140	.3135	.3080	230.
250.	.2816	.2732	.2767	.2815	.2791	.2822	.2820	.2790	.2793	.2886	.2789	.2806	.2769	250.
270.	.2635	.2616	.2611	.2756	.2736	.2742	.2778	.2725	.2646	.2629	.2663	.2635	.2669	270.
290.	.2603	.2603	.2584	.2694	.2685	.2742	.2733	.2694	.2654	.2600	.2571	.2589	.2699	290.
310.	.2657	.2675	.2623	.2762	.2705	.2772	.2799	.2745	.2675	.2605	.2548	.2639	.2666	310.
325.	.2742	.2749	.2750	.2838	.2730	.2868	.2799	.2772	.2725	.2667	.2638	.2724	.2819	325.
340.	.2826	.2885	.2872	.2970	.2932	.3040	.2907	.2917	.2869	.2860	.2819	.2856	.3079	340.
350.	.3005	.3027	.3075	.3126	.3063	.3079	.3051	.3043	.2969	.3057	.3029	.3029	.3203	350.
						FOR ALPHA = 1.35 DEG								
0.	.2867	.2854	.2904	.2980	.2920	.2909	.2885	.2882	.2861	.2895	.2901	.2958	.2944	0.
10.	.2621	.2627	.2644	.2711	.2648	.2671	.2632	.2597	.2517	.2608	.2655	.2672	.2789	10.
20.	.2372	.2416	.2354	.2481	.2437	.2544	.2419	.2390	.2355	.2397	.2365	.2412	.2621	20.
35.	.2300	.2250	.2266	.2356	.2223	.2372	.2284	.2264	.2265	.2231	.2195	.2299	.2480	35.
50.	.2211	.2180	.2151	.2271	.2208	.2294	.2279	.2264	.2238	.2192	.2150	.2257	.2326	50.
70.	.2152	.2148	.2103	.2202	.2185	.2274	.2263	.2275	.2221	.2162	.2189	.2214	.2270	70.
90.	.2146	.2166	.2103	.2277	.2236	.2268	.2346	.2290	.2232	.2179	.2188	.2230	.2185	90.
110.	.2317	.2227	.2225	.2331	.2327	.2360	.2379	.2325	.2309	.2401	.2344	.2356	.2273	110.
130.	.2574	.2621	.2543	.2751	.2712	.2661	.2597	.2661	.2706	.2712	.2710	.2799	.2641	130.
145.	.2999	.2940	.2980	.3092	.3046	.2996	.3009	.3033	.2000	.3065	.3150	.3194	.3263	145.
160.	.3338	.3332	.3337	.3464	.3478	.3371	.3417	.3398	.3368	.3389	.3437	.3485	.3540	160.
180.	.3560	.3500	.3536	.3572	.3588	.3644	.3616	.3577	.3574	.3628	.3650	.3649	.3568	180.
200.	.3592	.3600	.3620	.3699	.3638	.3629	.3684	.3682	.3704	.3631	.3648	.3684	.3736	200.
215.	.3430	.3365	.3464	.3528	.3418	.3408	.3440	.3506	.2245	.3470	.3503	.3570	.3612	215.
230.	.3091	.3134	.3089	.3243	.3178	.3150	.3070	.3181	.3232	.3164	.3202	.3174	.3112	230.
250.	.2783	.2716	.2715	.2793	.2747	.2801	.2821	.2754	.2758	.2850	.2768	.2797	.2727	250.
270.	.2568	.2568	.2569	.2701	.2708	.2697	.2740	.2684	.2590	.2590	.2603	.2598	.2624	270.
290.	.2546	.2549	.2531	.2654	.2634	.2694	.2675	.2634	.2609	.2540	.2514	.2527	.2633	290.
310.	.2596	.2600	.2555	.2684	.2643	.2729	.2723	.2682	.2589	.2540	.2499	.2555	.2601	310.
325.	.2685	.2657	.2652	.2762	.2647	.2785	.2720	.2671	.2633	.2576	.2552	.2638	.2723	325.
340.	.2716	.2776	.2754	.2868	.2803	.2931	.2796	.2810	.2751	.2731	.2717	.2744	.2962	340.
350.	.2855	.2892	.2901	.2958	.2928	.2909	.2904	.2873	.2810	.2905	.2858	.2893	.3028	350.
						FOR ALPHA = 2.34 DEG								
0.	.2698	.2684	.2732	.2812	.2739	.2746	.2711	.2711	.2692	.2720	.2749	.2789	.2765	0.
10.	.2484	.2497	.2496	.2572	.2524	.2525	.2496	.2460	.2378	.2481	.2514	.2545	.2642	10.
20.	.2263	.2310	.2238	.2394	.2335	.2452	.2308	.2287	.2261	.2292	.2272	.2305	.2532	20.
35.	.2232	.2170	.2184	.2301	.2159	.2285	.2214	.2179	.2210	.2158	.2107	.2249	.2402	35.
50.	.2143	.2118	.2100	.2230	.2151	.2240	.2215	.2211	.2195	.2126	.2104	.2195	.2279	50.
70.	.2104	.2100	.2039	.2173	.2157	.2229	.2208	.2200	.2176	.2123	.2150	.2179	.2172	70.
90.	.2102	.2110	.2059	.2212	.2201	.2228	.2303	.2247	.2162	.2147	.2146	.2164	.2132	90.
110.	.2273	.2172	.2187	.2300	.2285	.2326	.2327	.2287	.2278	.2365	.2313	.2286	.2225	110.
130.	.2593	.2621	.2547	.2744	.2724	.2683	.2602	.2661	.2707	.2721	.2732	.2806	.2648	130.
145.	.3104	.3038	.3072	.3177	.3137	.3104	.3098	.3117	.2165	.3145	.3248	.3296	.3361	145.
160.	.3531	.3509	.3516	.3614	.3653	.3561	.3585	.3569	.3534	.3536	.3624	.3666	.3723	160.
180.	.3775	.3701	.3748	.3776	.3790	.3846	.3806	.3777	.3778	.3827	.3869	.3851	.3774	180.
200.	.3776	.3790	.3820	.3885	.3835	.3797	.3861	.3873	.3876	.3830	.3833	.3873	.3934	200.
215.	.3558	.3486	.3583	.3641	.3536	.3524	.3551	.3598	.2410	.3591	.3628	.3695	.3728	215.
230.	.3114	.3166	.3113	.3266	.3217	.3176	.3094	.3193	.3266	.3210	.3228	.3202	.3143	230.
250.	.2733	.2660	.2686	.2760	.2728	.2759	.2768	.2722	.2720	.2826	.2728	.2732	.2694	250.
270.	.2503	.2508	.2504	.2669	.2645	.2643	.2678	.2618	.2555	.2522	.2547	.2533	.2555	270.
290.	.2489	.2486	.2477	.2584	.2570	.2643	.2610	.2569	.2533	.2475	.2456	.2462	.2568	290.
310.	.2528	.2515	.2492	.2634	.2577	.2642	.2647	.2608	.2534	.2469	.2411	.2472	.2535	310.
325.	.2581	.2574	.2572	.2670	.2573	.2713	.2648	.2578	.2536	.2501	.2478	.2563	.2629	325.
340.	.2617	.2667	.2628	.2751	.2697	.2795	.2682	.2685	.2620	.2610	.2592	.2633	.2830	340.
350.	.2699	.2735	.2749	.2820	.2763	.2758	.2749	.2739	.2666	.2733	.2705	.2752	.2878	350.
						FOR ALPHA = 3.35 DEG								
0.	.2545	.2521	.2565	.2643	.2571	.2577	.2541	.2542	.2529	.2574	.2588	.2610	.2597	0.
10.	.2372	.2354	.2360	.2434	.2405	.2404	.2361	.2329	.2241	.2371	.2414	.2407	.2513	10.
20.	.2176	.2208	.2145	.2296	.2248	.2362	.2217	.2197	.2158	.2197	.2208	.2206	.2482	20.
35.	.2147	.2091	.2114	.2205	.2082	.2220	.2146	.2107	.2119	.2072	.2032	.2211	.2355	35.
50.	.2081	.2043	.2038	.2155	.2084	.2178	.2137	.2154	.2125	.2050	.2062	.2126	.2192	50.
70.	.2034	.2039	.1992	.2133	.2099	.2176	.2144	.2147	.2124	.2063	.2100	.2130	.2101	70.
90.	.2041	.2044	.2012	.2159	.2160	.2170	.2242	.2191	.2099	.2111	.2101	.2097	.2071	90.
110.	.2233	.2128	.2146	.2246	.2233	.2283	.2289	.2244	.2223	.2303	.2285	.2227	.2169	110.
130.	.2579	.2625	.2554	.2749	.2741	.2673	.2615	.2671	.2712	.2738	.2724	.2804	.2662	130.
145.	.3211	.3135	.3171	.3260	.3246	.3216	.3196	.3214	.2303	.3250	.3365	.3396	.3482	145.
160.	.3706	.3697	.3710	.3799	.3823	.3730	.3760	.3748	.3713	.3707	.3789	.3847	.3916	160.
180.	.3992	.3934	.3960	.3994	.3994	.4046	.4029	.3975	.3995	.4031	.4079	.4084	.3979	180.
200.	.3981	.3989	.4017	.4091	.4034	.3985	.4049	.4057	.4062	.4033	.4036	.4066	.4126	200.
215.	.3700	.3588	.3710	.3761	.3669	.3653	.3650	.3719	.2572	.3729	.3761	.3794	.3855	215.
230.	.3132	.3193	.3146	.3279	.3245	.3199	.3131	.3216	.3289	.3240	.3249	.3237	.3177	230.
250.	.2687	.2616	.2635	.2716	.2686	.2717	.2725	.2664	.2672	.2775	.2679	.2683	.2633	250.
270.	.2452	.2460	.2448	.2611	.2591	.2602	.2622	.2560	.2492	.2464	.2493	.2473	.2492	270.
290.	.2427	.2433	.2428	.2532	.2522	.2595	.2538	.2518	.2474	.2416	.2409	.2405	.2508	290.
310.	.2462	.2454	.2427	.2575	.2495	.2580	.2587	.2513	.2476	.2383	.2344	.2408	.2460	310.
325.	.2502	.2490	.2501	.2593	.2486	.2633	.2560	.2486	.2440	.2406	.2397	.2465	.2548	325.
340.	.2507	.2541	.2517	.2646	.2577	.2681	.2569	.2571	.2501	.2492	.2497	.2503	.2716	340.
350.	.2571	.2587	.2590	.2677	.2614	.2625	.2602	.2604	.2505	.2574	.2565	.2617	.2716	350.

TABLE VI. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 5.35 DEG								
0.	.2130	.1977	.2093	.2116	.2164	.2186	.2181	.2211	.2246	.2228	.2241	.2244	.2222	.2210
10.				.2008	.1889	.2075	.2123	.2134	.2090	.2022	.2091	.2093	.2052	.2027
20.		.2029	.1867	.1917	.1947	.1961	.2081	.2013	.1933	.2022	.1975	.1967	.1923	.1981
35.				.1952	.1951	.2051	.2060	.1999	.1990	.1852	.1950	.1996	.1963	.1968
50.	.1896	.1994	.1927	.1947	.1924	.2068	.2076	.1983	.1990	.2015	.1973	.1998	.1941	.1961
70.				.1916	.1972	.2079	.2103	.2024	.2013	.1976	.1963	.1994	.1907	.1876
90.	.1995	.1955	.1911	.1940	.2006	.2079	.2091	.2053	.2051	.1998	.1986	.2015	.1975	.1927
110.					.2097	.2164	.2140	.2155	.2177	.2124	.2080	.2126	.2128	.2089
130.				.2635	.2560	.2587	.2616	.2573	.2610	.2646	.2614	.2615	.2610	.2663
145.	.3594	.3333	.3463	.3580	.3504	.3510	.3475	.3443	.3444	.3446	.3456	.3450	.3466	.3447
160.				.4160	.4144	.4185	.4123	.4115	.4092	.4119	.4094	.4111	.4070	.4132
180.	.4217	.4296	.4445	.4401	.4447	.4399	.4398	.4435	.4436	.4449	.4464	.4454	.4470	.4393
200.				.4357	.4385	.4370	.4357	.4348	.4356	.4386	.4393	.4375	.4323	.4396
215.	.3987	.3809	.3903	.3982	.3931	.3901	.3906	.3871	.3868	.3935	.3919	.3923	.3947	.3899
230.				.3145	.3071	.3085	.3097	.3060	.3138	.3148	.3133	.3158	.3135	.3191
250.					.2501	.2545	.2517	.2551	.2591	.2552	.2505	.2560	.2551	.2521
270.	.2356	.2332	.2320	.2303	.2322	.2384	.2404	.2360	.2389	.2342	.2326	.2375	.2312	.2300
290.				.2244	.2298	.2363	.2384	.2309	.2304	.2282	.2250	.2288	.2218	.2216
310.	.2154	.2274	.2277	.2256	.2226	.2351	.2338	.2232	.2253	.2277	.2215	.2281	.2242	.2269
325.				.2262	.2247	.2306	.2286	.2221	.2213	.2081	.2183	.2270	.2236	.2243
340.		.2243	.2085	.2174	.2190	.2178	.2282	.2177	.2091	.2237	.2202	.2195	.2192	.2230
350.				.2192	.2052	.2190	.2228	.2212	.2186	.2187	.2251	.2247	.2235	.2210
						FOR ALPHA = 10.35 DEG								
0.	.1491	.1443	.1443	.1529	.1540	.1576	.1605	.1636	.1649	.1634	.1653	.1663	.1572	.1556
10.				.1522	.1403	.1541	.1593	.1601	.1564	.1524	.1581	.1556	.1464	.1450
20.		.1570	.1343	.1495	.1527	.1552	.1640	.1589	.1520	.1587	.1543	.1480	.1425	.1483
35.				.1594	.1593	.1682	.1681	.1654	.1637	.1491	.1577	.1576	.1510	.1540
50.	.1467	.1593	.1633	.1581	.1586	.1714	.1735	.1651	.1664	.1711	.1657	.1601	.1561	.1563
70.				.1549	.1622	.1698	.1747	.1678	.1679	.1682	.1661	.1639	.1559	.1521
90.	.1542	.1532	.1480	.1521	.1553	.1637	.1655	.1646	.1635	.1628	.1593	.1616	.1561	.1517
110.					.1605	.1673	.1656	.1683	.1697	.1713	.1640	.1675	.1646	.1632
130.				.2487	.2412	.2321	.2349	.2352	.2401	.2432	.2428	.2419	.2422	.2459
145.	.4345	.3900	.4070	.4172	.4016	.4045	.3946	.3967	.3970	.3965	.3950	.3927	.3993	.3911
160.				.5216	.5175	.5161	.5102	.5111	.5153	.5168	.5095	.5134	.5064	.5132
180.	.5505	.5546	.5653	.5643	.5641	.5618	.5616	.5678	.5668	.5692	.5685	.5692	.5696	.5637
200.				.5441	.5419	.5469	.5459	.5450	.5457	.5459	.5425	.5432	.5362	.5437
215.	.4828	.4447	.4551	.4633	.4494	.4523	.4531	.4497	.4537	.4484	.4486	.4494	.4529	.4483
230.				.3057	.2940	.2921	.2991	.2950	.3034	.3069	.3071	.3049	.3085	.3138
250.					.2002	.2110	.2101	.2125	.2169	.2170	.2102	.2193	.2160	.2164
270.	.1929	.1892	.1824	.1808	.1858	.1941	.1967	.1985	.1990	.1978	.1939	.2019	.1954	.1932
290.				.1807	.1852	.1936	.2031	.1969	.1992	.1981	.1981	.2003	.1905	.1890
310.	.1681	.1810	.1830	.1802	.1785	.1910	.1962	.1889	.1938	.1973	.1929	.1919	.1861	.1906
325.				.1761	.1752	.1854	.1856	.1848	.1877	.1701	.1801	.1843	.1809	.1814
340.		.1737	.1528	.1563	.1622	.1644	.1733	.1691	.1667	.1732	.1676	.1643	.1619	.1654
350.				.1552	.1432	.1561	.1644	.1659	.1646	.1609	.1667	.1637	.1588	.1561
						FOR ALPHA = 15.35 DEG								
0.	.1076	.1270	.1069	.1132	.1121	.1166	.1173	.1168	.1169	.1190	.1194	.1182	.1077	.1063
10.				.1153	.1027	.1121	.1126	.1092	.1098	.1084	.1113	.1106	.1054	.1022
20.		.1282	.1006	.1111	.1161	.1130	.1134	.1059	.1053	.1102	.1059	.1042	.1009	.1019
35.				.1230	.1260	.1300	.1213	.1172	.1214	.1021	.1128	.1182	.1116	.1126
50.	.1056	.1209	.1180	.1204	.1272	.1348	.1292	.1234	.1285	.1286	.1238	.1249	.1162	.1194
70.				.1075	.1239	.1291	.1291	.1246	.1269	.1243	.1249	.1275	.1158	.1130
90.	.0960	.1068	.0944	.0929	.1023	.1094	.1062	.1098	.1112	.1047	.1029	.1070	.1012	.0974
110.					.0995	.0995	.0939	.0974	.1045	.1018	.1007	.1054	.1004	.0990
130.				.2313	.2218	.2121	.2053	.2033	.2154	.2145	.2168	.2179	.2154	.2241
145.	.5209	.4587	.4869	.4859	.4653	.4683	.4571	.4551	.4598	.4514	.4454	.4462	.4499	.4495
160.				.6312	.6297	.6330	.6316	.6324	.6308	.6293	.6225	.6255	.6142	.6219
180.	.6840	.6893	.7009	.6970	.6998	.6988	.7030	.7080	.7070	.7075	.7065	.7035	.7022	.6946
200.				.6613	.6674	.6703	.6663	.6655	.6656	.6650	.6591	.6614	.6533	.6548
215.	.5674	.5079	.5325	.5407	.5238	.5266	.5149	.5180	.5193	.5146	.5136	.5125	.5132	.5087
230.				.2966	.2911	.2771	.2794	.2821	.2905	.2904	.2920	.2947	.2877	.2949
250.					.1529	.1558	.1511	.1557	.1596	.1591	.1576	.1585	.1492	.1514
270.	.1313	.1384	.1310	.1322	.1385	.1445	.1452	.1479	.1468	.1427	.1441	.1456	.1322	.1349
290.				.1360	.1510	.1558	.1603	.1575	.1563	.1567	.1607	.1599	.1426	.1442
310.	.1190	.1323	.1451	.1389	.1449	.1553	.1568	.1504	.1532	.1558	.1549	.1518	.1366	.1426
325.				.1327	.1361	.1443	.1411	.1389	.1408	.1205	.1356	.1381	.1251	.1263
340.		.1255	.1064	.1069	.1141	.1151	.1187	.1140	.1114	.1144	.1122	.1086	.1011	.1004
350.				.1059	.0976	.1095	.1128	.1130	.1117	.1090	.1136	.1123	.1016	.0965
						FOR ALPHA = 20.35 DEG								
0.	.0738	.0759	.0757	.0793	.0779	.0862	.0874	.0883	.0880	.0870	.0888	.0891	.0791	.0798
10.				.0755	.0667	.0772	.0816	.0795	.0779	.0776	.0798	.0822	.0801	.0728
20.		.0804	.0579	.0699	.0717	.0708	.0745	.0677	.0651	.0702	.0685	.0712	.0678	.0613
35.				.0753	.0790	.0854	.0831	.0798	.0792	.0610	.0768	.0904	.0813	.0711
50.	.0562	.0702	.0540	.0751	.0780	.0899	.0913	.0841	.0875	.0908	.0897	.0978	.0876	.0839
70.				.0533	.0657	.0746	.0841	.0802	.0792	.0798	.0847	.0998	.0837	.0756
90.	.0204	.0322	.0293	.0197	.0142	.0161	.0247	.0308	.0369	.0345	.0345	.0449	.0332	.0281
110.					.0101	.0087	.0067	.0062	.0081	.0070	.0021	.0115	.0076	.0034
130.				.2163	.2017	.1851	.1847	.1842	.1925	.1904	.1889	.2035	.2054	.2054
145.	.6220	.5272	.5620	.5558	.5257	.5354	.5184	.5227	.5209	.5130	.5056	.5095	.5264	.5168
160.				.7515	.7513	.7559	.7541	.7503	.7508	.7503	.7379	.7440	.7459	.7475
180.	.8320	.8450	.8433	.8412	.8431	.8452	.8475	.8493	.8489	.8490	.8480	.8443	.8481	.8423
200.				.7906	.7903	.7947	.7924	.7889	.7858	.7846	.7799	.7783	.7714	.7789
215.	.6675	.5922	.6185	.6186	.5920	.6009	.5851	.5843	.5809	.5763	.5739	.5692	.5758	.5710
230.				.2923	.2754	.2625	.2600	.2512	.2701	.2680	.2672	.2690	.2727	.2758
250.					.0739	.0794	.0680	.0642	.0693	.0679	.0634	.0698	.0657	.0698
270.	.0487	.0719	.0685	.0569	.0535	.0614	.0629	.0639	.0723	.0727	.0695	.0710	.0615	.0654
290.				.0785	.0883	.1029	.1097	.1019	.1086	.1109	.1121	.1147	.1046	.1022
310.	.0609	.0741	.0781	.0882	.0938	.1138	.1113	.1000	.1116	.1136	.1092	.1082	.0989	.1027
325.				.0802	.0871	.1003	.0920	.0864	.0908	.0700	.0853	.0898	.0792	.0796
340.		.0819	.0507	.0592	.0637	.0643	.0627	.0560	.0553	.0580	.0595	.0550	.0480	.0507
350.				.0697	.0586	.0717	.0736	.0712	.0701	.0699	.0735	.0720	.0651	.0629

TABLE VI. - CONTINUED

(B) MACH = 1.70, BETA = 1.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.35 DEG								
0.	.2252	.2228	.2237	.2321	.2276	.2296	.2240	.2245	.2239	.2272	.2286	.2304	.2292	0.
10.	.2091	.2083	.2083	.2210	.2129	.2146	.2106	.2079	.2023	.2137	.2157	.2157	.2295	10.
20.	.1967	.1978	.1977	.2122	.2052	.2133	.2032	.2014	.1975	.2037	.1991	.2089	.2350	20.
35.	.1962	.1943	.1969	.2045	.1945	.2087	.2001	.1973	.1958	.1903	.1965	.2114	.2156	35.
50.	.1922	.1954	.1903	.2041	.1967	.2039	.2040	.2042	.1990	.1931	.1944	.2065	.1985	50.
70.	.1911	.1933	.1879	.2018	.1988	.2054	.2029	.2032	.1988	.2000	.2012	.1947	.1949	70.
90.	.1936	.1902	.1887	.2054	.2041	.2077	.2122	.2054	.1976	.1979	.2037	.1922	.1933	90.
110.	.2110	.1999	.2018	.2121	.2110	.2148	.2160	.2102	.2111	.2153	.2124	.2055	.2024	110.
130.	.2561	.2575	.2535	.2747	.2745	.2670	.2588	.2639	.2704	.2724	.2761	.2734	.2648	130.
145.	.3399	.3308	.3364	.3469	.3465	.3409	.3388	.3410	.2546	.3459	.3570	.3613	.3658	145.
160.	.4096	.4071	.4100	.4151	.4207	.4117	.4126	.4126	.4073	.4093	.4181	.4234	.4289	160.
180.	.4444	.4385	.4414	.4431	.4438	.4497	.4477	.4432	.4440	.4514	.4529	.4517	.4426	180.
200.	.4331	.4356	.4402	.4469	.4389	.4334	.4418	.4443	.4447	.4355	.4386	.4449	.4520	200.
215.	.3870	.3828	.3905	.3944	.3868	.3816	.3862	.3959	.2831	.3902	.3945	.4032	.4063	215.
230.	.3116	.3188	.3115	.3275	.3223	.3164	.3108	.3211	.3268	.3196	.3225	.3221	.3172	230.
250.	.2566	.2474	.2492	.2572	.2556	.2546	.2559	.2509	.2559	.2611	.2505	.2522	.2469	250.
270.	.2302	.2292	.2292	.2463	.2456	.2411	.2448	.2379	.2333	.2339	.2344	.2284	.2314	270.
290.	.2267	.2289	.2274	.2394	.2391	.2397	.2344	.2346	.2293	.2272	.2256	.2259	.2333	290.
310.	.2271	.2303	.2270	.2374	.2335	.2410	.2353	.2344	.2255	.2199	.2172	.2247	.2317	310.
325.	.2300	.2296	.2293	.2406	.2290	.2434	.2310	.2247	.2252	.2189	.2179	.2258	.2361	325.
340.	.2233	.2281	.2280	.2392	.2329	.2455	.2314	.2252	.2230	.2289	.2244	.2255	.2440	340.
350.	.2268	.2267	.2299	.2392	.2321	.2321	.2334	.2292	.2165	.2286	.2303	.2299	.2421	350.
						FOR ALPHA = 10.35 DEG								
0.	.1574	.1560	.1565	.1678	.1630	.1639	.1593	.1618	.1601	.1645	.1674	.1702	.1713	0.
10.	.1527	.1507	.1502	.1636	.1574	.1616	.1563	.1562	.1527	.1660	.1671	.1624	.1723	10.
20.	.1487	.1506	.1499	.1634	.1574	.1685	.1565	.1584	.1640	.1681	.1571	.1548	.1749	20.
35.	.1575	.1552	.1541	.1678	.1559	.1694	.1618	.1668	.1725	.1577	.1517	.1584	.1666	35.
50.	.1572	.1570	.1541	.1686	.1617	.1711	.1702	.1769	.1717	.1572	.1541	.1594	.1648	50.
70.	.1568	.1568	.1542	.1711	.1672	.1737	.1729	.1754	.1682	.1587	.1594	.1552	.1624	70.
90.	.1503	.1503	.1467	.1664	.1660	.1655	.1745	.1727	.1588	.1535	.1528	.1498	.1517	90.
110.	.1656	.1577	.1584	.1699	.1623	.1603	.1655	.1651	.1583	.1583	.1534	.1564	.1502	110.
130.	.2382	.2450	.2437	.2645	.2582	.2530	.2451	.2537	.2621	.2532	.2568	.2509	.2461	130.
145.	.3877	.3800	.3960	.4004	.3915	.3848	.3878	.3971	.2852	.4061	.4055	.4050	.4076	145.
160.	.5053	.5068	.5106	.5259	.5152	.5064	.5146	.5136	.5145	.5141	.5216	.5233	.5246	160.
180.	.5668	.5586	.5622	.5660	.5667	.5693	.5684	.5706	.5698	.5701	.5718	.5723	.5683	180.
200.	.5427	.5412	.5450	.5513	.5426	.5416	.5529	.5500	.5413	.5389	.5495	.5529	.5583	200.
215.	.4480	.4394	.4514	.4514	.4419	.4398	.4522	.4523	.2802	.4473	.4570	.4642	.4671	215.
230.	.3076	.3127	.3089	.3245	.3164	.3131	.3110	.3172	.3186	.3152	.3181	.3167	.3170	230.
250.	.2185	.2112	.2061	.2138	.2051	.2063	.2130	.2105	.2060	.2090	.2001	.2070	.2028	250.
270.	.1914	.1920	.1849	.2031	.1989	.1988	.2047	.1998	.1972	.1914	.1870	.1879	.1910	270.
290.	.1938	.1954	.1891	.2001	.1981	.2015	.1953	.1954	.1945	.1944	.1919	.1850	.1972	290.
310.	.1901	.1908	.1860	.1954	.1908	.1956	.1937	.1912	.1881	.1870	.1830	.1870	.1973	310.
325.	.1839	.1864	.1825	.1891	.1784	.1951	.1831	.1798	.1781	.1744	.1771	.1821	.1924	325.
340.	.1668	.1705	.1694	.1797	.1686	.1845	.1723	.1702	.1677	.1712	.1688	.1693	.1891	340.
350.	.1615	.1632	.1658	.1758	.1632	.1655	.1636	.1630	.1576	.1679	.1682	.1689	.1807	350.
						FOR ALPHA = 15.35 DEG								
0.	.1074	.1077	.1089	.1210	.1184	.1235	.1217	.1232	.1198	.1234	.1254	.1237	.1219	0.
10.	.1067	.1079	.1070	.1244	.1221	.1232	.1193	.1195	.1155	.1219	.1211	.1195	.1251	10.
20.	.1048	.1072	.1065	.1284	.1208	.1271	.1199	.1206	.1170	.1201	.1179	.1169	.1295	20.
35.	.1157	.1143	.1202	.1421	.1217	.1313	.1227	.1201	.1188	.1164	.1174	.1237	.1326	35.
50.	.1189	.1153	.1254	.1476	.1282	.1344	.1304	.1286	.1262	.1234	.1210	.1253	.1385	50.
70.	.1172	.1172	.1264	.1456	.1280	.1346	.1269	.1278	.1252	.1226	.1248	.1199	.1300	70.
90.	.0944	.0953	.1043	.1203	.1083	.1119	.1164	.1119	.1060	.1057	.0997	.0964	.1047	90.
110.	.0996	.0933	.0953	.1074	.0873	.0888	.0895	.0833	.0827	.0738	.0700	.0701	.0751	110.
130.	.2188	.2221	.2238	.2426	.2371	.2309	.2213	.2343	.2338	.2268	.2260	.2256	.2320	130.
145.	.4469	.4405	.4474	.4522	.4522	.4412	.4442	.4472	.2974	.4469	.4536	.4614	.4612	145.
160.	.6241	.6259	.6250	.6286	.6293	.6286	.6312	.6258	.6199	.6200	.6257	.6300	.6379	160.
180.	.7002	.6961	.6974	.6979	.7022	.7053	.7050	.7010	.7011	.7041	.7054	.7067	.7022	180.
200.	.6557	.6512	.6555	.6678	.6692	.6571	.6609	.6592	.6567	.6618	.6660	.6725	.6718	200.
215.	.5041	.4927	.5032	.5150	.5083	.4998	.5037	.5050	.3328	.5119	.5263	.5231	.5206	215.
230.	.2862	.2901	.2888	.3072	.3093	.3024	.2903	.3011	.3032	.3070	.3032	.2993	.2986	230.
250.	.1509	.1414	.1383	.1482	.1447	.1446	.1416	.1395	.1397	.1336	.1284	.1277	.1246	250.
270.	.1323	.1299	.1259	.1446	.1453	.1514	.1525	.1532	.1517	.1414	.1353	.1340	.1349	270.
290.	.1480	.1462	.1448	.1602	.1562	.1650	.1587	.1636	.1665	.1550	.1508	.1468	.1529	290.
310.	.1432	.1404	.1391	.1554	.1472	.1584	.1547	.1588	.1605	.1483	.1394	.1475	.1567	310.
325.	.1344	.1300	.1267	.1450	.1307	.1455	.1374	.1355	.1417	.1352	.1293	.1363	.1459	325.
340.	.1065	.1074	.1061	.1230	.1161	.1299	.1216	.1198	.1246	.1339	.1241	.1196	.1350	340.
350.	.1040	.1058	.1083	.1221	.1132	.1188	.1163	.1176	.1137	.1274	.1312	.1217	.1247	350.
						FOR ALPHA = 20.35 DEG								
0.	.0804	.0770	.0766	.0904	.0887	.0899	.0856	.0859	.0818	.0875	.0889	.0849	.0830	0.
10.	.0730	.0736	.0740	.0885	.0825	.0865	.0828	.0839	.0809	.0810	.0780	.0803	.0867	10.
20.	.0625	.0649	.0644	.0806	.0732	.0837	.0748	.0769	.0731	.0683	.0737	.0735	.0863	20.
35.	.0765	.0776	.0744	.0918	.0764	.0906	.0788	.0769	.0678	.0642	.0751	.0794	.0836	35.
50.	.0821	.0832	.0827	.0984	.0881	.1007	.0924	.0931	.0815	.0766	.0849	.0874	.0934	50.
70.	.0799	.0816	.0789	.0958	.0899	.0987	.0900	.0917	.0793	.0791	.0839	.0788	.0834	70.
90.	.0319	.0337	.0300	.0524	.0470	.0503	.0576	.0588	.0443	.0404	.0397	.0398	.0392	90.
110.	.0101	.0056	.0064	.0152	.0050	.0028	.0041	.0026	-.0144	-.0205	-.0215	-.0191	-.0255	110.
130.	.1947	.2021	.2004	.2182	.2139	.2187	.2096	.2163	.2180	.2058	.2113	.2202	.2139	130.
145.	.5054	.4940	.5070	.5099	.5034	.5046	.5069	.5047	.3607	.5111	.5158	.5252	.5161	145.
160.	.7382	.7359	.7400	.7480	.7418	.7394	.7467	.7418	.7369	.7392	.7414	.7453	.7343	160.
180.	.8432	.8370	.8425	.8438	.8413	.8451	.8436	.8437	.8433	.8448	.8469	.8436	.8194	180.
200.	.7770	.7776	.7823	.7889	.7843	.7799	.7820	.7807	.7764	.7764	.7814	.7862	.7680	200.
215.	.5687	.5614	.5739	.5857	.5748	.5653	.5688	.5705	.4165	.5757	.5853	.5891	.5730	215.
230.	.2694	.2793	.2810	.3008	.2919	.2834	.2783	.2859	.2871	.2851	.2860	.2904	.2826	230.
250.	.0756	.0694	.0767	.0888	.0658	.0575	.0585	.0513	.0463	.0452	.0340	.0311	.0307	250.
270.	.0669	.0641	.0710	.0972	.0815	.0845	.0901	.0890	.0846	.0812	.0767	.0736	.0803	270.
290.	.1041	.1023	.1111	.1355	.1200	.1232	.1150	.1170	.1158	.1136	.1121	.1084	.1155	290.
310.	.0984	.0961	.1027	.1291	.1128	.1194	.1146	.1113	.1080	.1047	.1016	.1055	.1150	310.
325.	.0834	.0811	.0835	.1128	.0891	.1008	.0905	.0820	.0792	.0767	.0770	.0823	.0912	325.
340.	.0523	.0551	.0576	.0814	.0689	.0783	.0690	.0667	.0604	.0647	.0630	.0612	.0756	340.
350.	.0670	.0695	.0703	.0872	.0803	.0767	.0708	.0716	.0690	.0748	.0744	.0729	.0796	350.

TABLE VI. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG

THETA, DEG	.0357	.0714	.1071	.1429	.1786	.2143	.2500	.2657	.3214	.3571	.3929	.4286	.4643	.5000
							CP AT X/L =							
							FOR ALPHA = -4.64 DEG							
0.	.3772	.3436	.3699	.3742	.3804	.3845	.3871	.3944	.3959	.3938	.3931	.3946	.3954	.3937
10.				.2960	.2831	.3068	.3123	.3197	.3132	.3080	.3128	.3124	.3151	.3040
20.		.2615	.2364	.2376	.2315	.2288	.2448	.2458	.2379	.2429	.2377	.2485	.2378	.2346
35.				.2107	.2149	.2280	.2318	.2300	.2308	.2172	.2253	.2325	.2204	.2215
50.	.2029	.2121	.2033	.2113	.2130	.2276	.2306	.2210	.2245	.2268	.2243	.2224	.2152	.2197
70.				.2011	.2151	.2247	.2228	.2176	.2212	.2162	.2155	.2098	.2043	.2025
90.	.2056	.2028	.2029	.2008	.2118	.2191	.2177	.2146	.2158	.2168	.2109	.2082	.2021	.2013
110.					.2098	.2141	.2089	.2110	.2105	.2142	.2051	.2054	.2016	.2022
130.				.2113	.2128	.2154	.2117	.2116	.2120	.2168	.2079	.2047	.2026	.2076
145.	.2098	.2078	.2032	.2205	.2213	.2197	.2190	.2138	.2175	.2213	.2205	.2116	.2083	.2066
160.				.2274	.2312	.2329	.2285	.2253	.2275	.2312	.2330	.2248	.2150	.2184
180.	.2214	.2357	.2411	.2400	.2435	.2420	.2414	.2454	.2445	.2466	.2469	.2413	.2413	.2356
200.				.2645	.2666	.2657	.2659	.2668	.2699	.2685	.2665	.2638	.2532	.2593
215.	.2733	.2769	.2674	.2839	.2884	.2862	.2923	.2908	.2913	.2903	.2911	.2889	.2811	.2813
230.				.3021	.3052	.3109	.3148	.3168	.3137	.3114	.3112	.3078	.3035	.3129
250.					.3151	.3256	.3261	.3274	.3264	.3215	.3199	.3204	.3150	.3214
270.	.3196	.3158	.3128	.3122	.3203	.3337	.3352	.3333	.3332	.3279	.3282	.3264	.3182	.3189
290.				.3160	.3246	.3400	.3401	.3343	.3379	.3305	.3291	.3288	.3196	.3163
310.	.3260	.3315	.3243	.3296	.3292	.3484	.3477	.3402	.3442	.3456	.3394	.3420	.3361	.3369
325.				.3410	.3433	.3556	.3541	.3524	.3564	.3413	.3467	.3540	.3503	.3485
340.		.3793	.3557	.3670	.3672	.3701	.3813	.3781	.3701	.3835	.3745	.3732	.3711	.3744
350.				.3938	.3795	.3989	.4069	.4107	.4067	.4010	.4087	.4047	.4046	.3991
							FOR ALPHA = -2.66 DEG							
0.	.3366	.3068	.3322	.3350	.3430	.3466	.3482	.3528	.3543	.3525	.3528	.3512	.3498	.3509
10.				.2688	.2580	.2816	.2840	.2909	.2871	.2816	.2867	.2820	.2808	.2783
20.		.2423	.2208	.2202	.2177	.2178	.2303	.2314	.2224	.2314	.2253	.2290	.2234	.2206
35.				.2024	.2041	.2207	.2229	.2200	.2196	.2093	.2146	.2225	.2118	.2120
50.	.1964	.2073	.2011	.2019	.2030	.2208	.2231	.2134	.2144	.2174	.2154	.2141	.2049	.2070
70.				.1935	.2045	.2186	.2176	.2121	.2139	.2076	.2119	.2037	.1939	.1940
90.	.2033	.1987	.2008	.1956	.2060	.2162	.2152	.2130	.2132	.2110	.2105	.2040	.1976	.1980
110.					.2080	.2131	.2116	.2130	.2118	.2114	.2063	.2054	.2055	.2025
130.				.2176	.2165	.2195	.2212	.2198	.2195	.2212	.2185	.2144	.2140	.2153
145.	.2276	.2260	.2228	.2363	.2382	.2366	.2374	.2348	.2356	.2335	.2385	.2349	.2288	.2259
160.				.2554	.2580	.2593	.2577	.2571	.2547	.2544	.2515	.2602	.2454	.2471
180.	.2528	.2691	.2816	.2742	.2787	.2755	.2750	.2787	.2781	.2800	.2802	.2761	.2776	.2703
200.				.3002	.3018	.3028	.3009	.3023	.3043	.3046	.3022	.2996	.2908	.2960
215.	.3045	.3078	.3008	.3169	.3183	.3170	.3227	.3207	.3219	.3212	.3224	.3208	.3165	.3112
230.				.3244	.3249	.3282	.3298	.3337	.3342	.3290	.3293	.3260	.3251	.3278
250.					.3175	.3270	.3234	.3303	.3290	.3243	.3209	.3248	.3198	.3204
270.	.3159	.3161	.3188	.3110	.3159	.3287	.3268	.3244	.3274	.3230	.3191	.3228	.3109	.3097
290.				.3070	.3171	.3304	.3304	.3212	.3267	.3201	.3171	.3162	.3083	.3035
310.	.3113	.3196	.3088	.3179	.3174	.3341	.3361	.3229	.3258	.3327	.3243	.3241	.3203	.3212
325.				.3279	.3268	.3389	.3387	.3345	.3333	.3226	.3286	.3354	.3311	.3292
340.		.3502	.3268	.3424	.3443	.3447	.3582	.3531	.3416	.3546	.3483	.3459	.3430	.3444
350.				.3592	.3455	.3640	.3711	.3753	.3687	.3611	.3702	.3668	.3639	.3592
							FOR ALPHA = -1.65 DEG							
0.	.3179	.2891	.3136	.3167	.3245	.3290	.3301	.3336	.3361	.3354	.3338	.3320	.3289	.3318
10.				.2564	.2466	.2692	.2718	.2747	.2746	.2669	.2730	.2678	.2646	.2666
20.		.2325	.2124	.2154	.2112	.2138	.2238	.2245	.2176	.2257	.2189	.2229	.2166	.2159
35.				.2000	.2004	.2164	.2198	.2135	.2147	.2039	.2097	.2190	.2058	.2070
50.	.1938	.2044	.1992	.1988	.1979	.2180	.2192	.2083	.2112	.2129	.2106	.2116	.1999	.2036
70.				.1937	.2013	.2168	.2167	.2091	.2105	.2041	.2083	.2024	.1899	.1896
90.	.2014	.1980	.1935	.1949	.2028	.2141	.2124	.2110	.2112	.2057	.2105	.2027	.1936	.1964
110.					.2070	.2136	.2103	.2131	.2134	.2102	.2079	.2056	.2047	.2035
130.				.2214	.2172	.2232	.2246	.2230	.2248	.2232	.2224	.2162	.2174	.2205
145.	.2401	.2335	.2333	.2463	.2473	.2477	.2472	.2463	.2460	.2445	.2477	.2431	.2404	.2371
160.				.2697	.2724	.2744	.2738	.2737	.2721	.2710	.2673	.2744	.2645	.2647
180.	.2714	.2856	.3007	.2929	.2970	.2953	.2936	.2973	.2971	.2987	.2981	.2945	.2974	.2924
200.				.3182	.3203	.3209	.3198	.3192	.3219	.3223	.3216	.3193	.3098	.3152
215.	.3200	.3208	.3185	.3336	.3338	.3334	.3354	.3348	.3369	.3364	.3376	.3367	.3312	.3253
230.				.3328	.3339	.3380	.3366	.3385	.3414	.3374	.3354	.3349	.3332	.3337
250.					.3210	.3283	.3236	.3256	.3276	.3252	.3196	.3252	.3194	.3210
270.	.3130	.3114	.3119	.3068	.3138	.3236	.3246	.3187	.3202	.3195	.3148	.3176	.3081	.3071
290.				.3015	.3123	.3235	.3268	.3153	.3190	.3159	.3107	.3100	.3041	.2986
310.	.3049	.3143	.3014	.3097	.3111	.3260	.3289	.3160	.3177	.3244	.3165	.3157	.3145	.3129
325.				.3194	.3189	.3291	.3299	.3270	.3240	.3115	.3193	.3251	.3209	.3179
340.		.3374	.3123	.3294	.3322	.3327	.3442	.3419	.3284	.3391	.3349	.3309	.3296	.3308
350.				.3415	.3277	.3472	.3529	.3558	.3500	.3419	.3516	.3470	.3467	.3414
							FOR ALPHA = -.64 DEG							
0.	.2999	.2720	.2949	.2988	.3050	.3095	.3089	.3133	.3166	.3139	.3128	.3120	.3102	.3117
10.				.2440	.2327	.2551	.2575	.2607	.2586	.2500	.2570	.2537	.2534	.2515
20.		.2234	.2042	.2067	.2061	.2055	.2180	.2157	.2079	.2140	.2116	.2124	.2090	.2085
35.				.1960	.1978	.2096	.2112	.2071	.2077	.1959	.2037	.2120	.1999	.1988
50.	.1913	.2018	.1948	.1931	.1952	.2121	.2116	.2023	.2026	.2065	.2041	.2068	.1939	.1963
70.				.1882	.1980	.2121	.2094	.2029	.2044	.2013	.2016	.1967	.1858	.1838
90.	.1990	.1965	.1928	.1925	.2003	.2091	.2067	.2046	.2051	.2033	.2050	.1975	.1902	.1884
110.					.2029	.2085	.2049	.2101	.2091	.2056	.2062	.2003	.2005	.2005
130.				.2174	.2168	.2225	.2224	.2239	.2250	.2246	.2231	.2142	.2170	.2218
145.	.2502	.2427	.2394	.2534	.2546	.2548	.2543	.2528	.2532	.2521	.2539	.2479	.2470	.2498
160.				.2815	.2871	.2889	.2867	.2873	.2841	.2845	.2805	.2845	.2777	.2805
180.	.2692	.3029	.3172	.3112	.3165	.3135	.3137	.3161	.3145	.3105	.3141	.3133	.3153	.3093
200.				.3392	.3410	.3411	.3390	.3385	.3410	.3426	.3404	.3409	.3302	.3356
215.	.3374	.3364	.3340	.3500	.3494	.3515	.3507	.3476	.3538	.3500	.3515	.3518	.3471	.3432
230.				.3418	.3401	.3454	.3453	.3426	.3491	.3455	.3415	.3416	.3405	.3426
250.					.3180	.3265	.3244	.3241	.3277	.3249	.3194	.3236	.3192	.3194
270.	.3094	.3076	.3097	.3036	.3105	.3188	.3207	.3148	.3152	.3151	.3100	.3116	.3043	.3023
290.				.2961	.3069	.3180	.3207	.3104	.3105	.3086	.3047	.3032	.2961	.2916
310.	.2964	.3104	.2998	.3022	.3033	.3182	.3203	.3096	.3108	.3134	.3069	.3093	.3023	.3032
325.				.3076	.3099	.3207	.3195	.3171	.3151	.3007	.3092	.3146	.3098	.3077
340.		.3225	.2978	.3144	.3175	.3182	.3322	.3259	.3161	.3270	.3206	.3155	.3163	.3184
350.				.3228	.3097	.3280	.3352	.3362	.3322	.3255	.3316	.3285	.3262	.3214

TABLE VI. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.64 DEG								
0.	.3932	.3884	.3918	.3971	.3947	.3953	.3925	.3954	.3950	.3964	.3960	.4058	.4057	0.
10.	.3090	.3090	.3158	.3229	.3194	.3167	.3167	.3130	.3070	.3200	.3240	.3287	.3322	10.
20.	.2353	.2444	.2463	.2601	.2569	.2671	.2526	.2477	.2509	.2628	.2620	.2555	.2769	20.
35.	.2273	.2268	.2287	.2358	.2213	.2327	.2243	.2286	.2331	.2264	.2154	.2262	.2359	35.
50.	.2161	.2163	.2123	.2274	.2189	.2224	.2245	.2290	.2303	.2136	.2088	.2151	.2216	50.
70.	.2051	.2034	.2015	.2144	.2112	.2168	.2184	.2266	.2139	.2088	.2033	.2034	.2154	70.
90.	.2014	.1997	.1987	.2131	.2109	.2144	.2227	.2142	.2059	.2055	.2038	.1994	.2052	90.
110.	.2024	.1952	.1968	.2087	.2084	.2068	.2171	.2073	.2083	.2104	.2013	.2019	.1989	110.
130.	.1977	.2023	.1968	.2147	.2174	.2147	.2170	.2122	.2114	.2099	.2096	.2083	.2040	130.
145.	.2066	.1995	.2054	.2155	.2132	.2180	.2142	.2198	.1253	.2150	.2183	.2228	.2242	145.
160.	.2132	.2169	.2172	.2301	.2280	.2257	.2294	.2289	.2257	.2297	.2273	.2331	.2357	160.
180.	.2348	.2295	.2335	.2433	.2454	.2490	.2473	.2422	.2431	.2472	.2471	.2478	.2414	180.
200.	.2605	.2699	.2685	.2760	.2717	.2697	.2739	.2742	.2730	.2671	.2687	.2738	.2740	200.
215.	.2886	.2828	.2898	.2961	.2914	.2924	.2913	.2996	.1493	.2927	.2917	.2937	.2958	215.
230.	.3064	.3147	.3059	.3217	.3221	.3184	.3136	.3199	.3229	.3145	.3117	.3111	.3057	230.
250.	.3279	.3194	.3202	.3261	.3219	.3238	.3258	.3230	.3263	.3337	.3215	.3212	.3175	250.
270.	.3284	.3267	.3208	.3317	.3295	.3291	.3348	.3302	.3253	.3213	.3271	.3229	.3256	270.
290.	.3318	.3302	.3229	.3300	.3295	.3362	.3358	.3337	.3310	.3291	.3245	.3256	.3349	290.
310.	.3448	.3418	.3372	.3433	.3393	.3447	.3475	.3485	.3406	.3349	.3336	.3378	.3423	310.
325.	.3568	.3572	.3549	.3575	.3497	.3618	.3555	.3536	.3536	.3505	.3479	.3566	.3648	325.
340.	.3731	.3862	.3820	.3871	.3875	.3984	.3836	.3841	.3812	.3874	.3823	.3890	.4127	340.
350.	.4051	.4094	.4117	.4140	.4111	.4119	.4093	.4083	.3999	.4120	.4140	.4190	.4346	350.
						FOR ALPHA = -2.66 DEG								
0.	.3523	.3478	.3521	.3587	.3542	.3528	.3517	.3570	.3521	.3545	.3551	.3626	.3672	0.
10.	.2824	.2791	.2644	.2938	.2884	.2858	.2841	.2836	.2767	.2869	.2958	.2980	.3045	10.
20.	.2222	.2299	.2287	.2436	.2402	.2528	.2365	.2333	.2355	.2461	.2487	.2387	.2593	20.
35.	.2154	.2156	.2172	.2265	.2144	.2258	.2176	.2188	.2211	.2192	.2069	.2164	.2235	35.
50.	.2051	.2086	.2046	.2211	.2126	.2168	.2165	.2181	.2233	.2059	.2026	.2091	.2091	50.
70.	.2012	.1995	.1937	.2093	.2057	.2096	.2131	.2181	.2097	.2016	.1971	.1967	.2065	70.
90.	.1984	.1970	.1933	.2103	.2059	.2094	.2167	.2112	.2023	.1999	.1985	.1977	.2003	90.
110.	.2018	.1983	.1973	.2077	.2053	.2088	.2195	.2060	.2079	.2114	.2028	.2044	.1996	110.
130.	.2066	.2119	.2044	.2236	.2192	.2200	.2247	.2249	.2228	.2176	.2178	.2161	.2104	130.
145.	.2246	.2189	.2222	.2345	.2270	.2301	.2354	.2387	.1507	.2323	.2350	.2394	.2422	145.
160.	.2440	.2449	.2440	.2585	.2536	.2511	.2582	.2585	.2558	.2557	.2560	.2598	.2645	160.
180.	.2721	.2636	.2669	.2758	.2755	.2807	.2818	.2794	.2785	.2783	.2812	.2849	.2786	180.
200.	.2931	.3027	.3012	.3135	.3075	.3030	.3091	.3079	.3054	.3081	.3076	.3113	.3120	200.
215.	.3183	.3134	.3176	.3255	.3202	.3219	.3214	.3241	.1830	.3283	.3268	.3270	.3269	215.
230.	.3270	.3326	.3252	.3384	.3375	.3360	.3305	.3350	.3366	.3399	.3369	.3286	.3247	230.
250.	.3272	.3207	.3210	.3251	.3220	.3237	.3268	.3245	.3255	.3288	.3290	.3258	.3204	250.
270.	.3213	.3172	.3125	.3239	.3206	.3242	.3291	.3225	.3191	.3156	.3179	.3136	.3197	270.
290.	.3197	.3151	.3111	.3190	.3195	.3231	.3253	.3251	.3200	.3188	.3129	.3129	.3213	290.
310.	.3234	.3262	.3194	.3300	.3267	.3320	.3340	.3340	.3277	.3217	.3195	.3235	.3268	310.
325.	.3345	.3380	.3358	.3413	.3322	.3460	.3393	.3353	.3362	.3316	.3293	.3398	.3454	325.
340.	.3458	.3585	.3546	.3644	.3615	.3724	.3590	.3571	.3546	.3580	.3558	.3627	.3831	340.
350.	.3681	.3705	.3754	.3795	.3764	.3740	.3737	.3723	.3609	.3744	.3754	.3808	.3971	350.
						FOR ALPHA = -1.65 DEG								
0.	.3340	.3280	.3323	.3395	.3360	.3336	.3337	.3357	.3313	.3362	.3359	.3428	.3470	0.
10.	.2701	.2652	.2741	.2797	.2746	.2735	.2712	.2726	.2625	.2734	.2837	.2856	.2941	10.
20.	.2183	.2255	.2231	.2337	.2324	.2439	.2315	.2285	.2244	.2398	.2417	.2328	.2538	20.
35.	.2094	.2112	.2113	.2204	.2113	.2246	.2130	.2142	.2188	.2162	.2040	.2102	.2185	35.
50.	.2010	.2037	.2027	.2153	.2100	.2137	.2138	.2160	.2166	.2025	.1984	.2054	.2056	50.
70.	.1959	.1973	.1935	.2063	.2042	.2086	.2104	.2153	.2067	.1991	.1953	.1939	.2029	70.
90.	.1961	.1965	.1917	.2086	.2048	.2064	.2144	.2115	.2007	.1978	.1944	.1958	.1977	90.
110.	.2017	.1983	.1985	.2061	.2056	.2090	.2200	.2068	.2051	.2126	.2024	.2046	.2004	110.
130.	.2098	.2162	.2090	.2268	.2228	.2228	.2234	.2300	.2275	.2232	.2205	.2207	.2138	130.
145.	.2336	.2297	.2339	.2416	.2375	.2364	.2447	.2482	.1602	.2435	.2445	.2487	.2522	145.
160.	.2606	.2614	.2616	.2735	.2683	.2660	.2715	.2741	.2733	.2725	.2725	.2747	.2800	160.
180.	.2911	.2847	.2868	.2931	.2942	.2978	.2997	.2989	.2981	.2977	.2989	.3053	.2991	180.
200.	.3120	.3196	.3209	.3286	.3239	.3222	.3263	.3277	.3222	.3234	.3310	.3315	.3330	200.
215.	.3329	.3289	.3320	.3392	.3330	.3357	.3363	.3379	.1946	.3457	.3448	.3447	.3420	215.
230.	.3337	.3400	.3318	.3465	.3441	.3412	.3373	.3419	.3433	.3487	.3487	.3377	.3318	230.
250.	.3282	.3201	.3206	.3240	.3230	.3252	.3266	.3244	.3254	.3298	.3285	.3275	.3221	250.
270.	.3171	.3114	.3075	.3213	.3174	.3199	.3252	.3190	.3167	.3130	.3131	.3087	.3154	270.
290.	.3129	.3097	.3045	.3170	.3145	.3171	.3202	.3198	.3172	.3142	.3077	.3077	.3144	290.
310.	.3134	.3179	.3115	.3231	.3193	.3245	.3263	.3255	.3207	.3141	.3122	.3159	.3195	310.
325.	.3236	.3283	.3251	.3334	.3235	.3382	.3305	.3261	.3276	.3206	.3217	.3310	.3354	325.
340.	.3334	.3441	.3425	.3526	.3487	.3594	.3449	.3446	.3422	.3455	.3419	.3483	.3692	340.
350.	.3495	.3514	.3588	.3622	.3571	.3586	.3562	.3539	.3426	.3565	.3593	.3624	.3798	350.
						FOR ALPHA = -.64 DEG								
0.	.3128	.3089	.3119	.3201	.3150	.3160	.3144	.3148	.3126	.3155	.3170	.3243	.3274	0.
10.	.2533	.2528	.2555	.2679	.2597	.2578	.2595	.2539	.2499	.2588	.2669	.2747	.2785	10.
20.	.2082	.2156	.2142	.2281	.2228	.2321	.2211	.2187	.2198	.2319	.2295	.2237	.2441	20.
35.	.2022	.2033	.2037	.2142	.2042	.2168	.2052	.2083	.2151	.2093	.1956	.2025	.2118	35.
50.	.1925	.1982	.1965	.2107	.2035	.2075	.2091	.2095	.2112	.1943	.1910	.1994	.1983	50.
70.	.1888	.1924	.1898	.2021	.1990	.2019	.2066	.2114	.2003	.1929	.1885	.1909	.1973	70.
90.	.1923	.1921	.1895	.2056	.2006	.2035	.2094	.2090	.1971	.1930	.1912	.1907	.1947	90.
110.	.2017	.1941	.1942	.2046	.1994	.2073	.2155	.2031	.2023	.2065	.2011	.2020	.1960	110.
130.	.2115	.2175	.2096	.2278	.2226	.2255	.2225	.2305	.2285	.2247	.2236	.2219	.2139	130.
145.	.2425	.2363	.2398	.2501	.2431	.2439	.2497	.2510	.1703	.2508	.2530	.2577	.2570	145.
160.	.2751	.2759	.2760	.2865	.2812	.2790	.2851	.2858	.2876	.2864	.2880	.2883	.2928	160.
180.	.3113	.3018	.3056	.3122	.3106	.3160	.3158	.3152	.3179	.3159	.3181	.3227	.3171	180.
200.	.3312	.3378	.3407	.3463	.3427	.3410	.3444	.3456	.3403	.3407	.3524	.3523	.3522	200.
215.	.3485	.3428	.3489	.3549	.3463	.3501	.3501	.3527	.2098	.3596	.3627	.3607	.3584	215.
230.	.3416	.3481	.3392	.3525	.3496	.3480	.3437	.3487	.3505	.3497	.3589	.3475	.3383	230.
250.	.3271	.3180	.3182	.3234	.3214	.3246	.3268	.3218	.3247	.3287	.3247	.3276	.3202	250.
270.	.3094	.3045	.3031	.3166	.3135	.3132	.3198	.3155	.3117	.3090	.3063	.3022	.3096	270.
290.	.3052	.3033	.2991	.3079	.3084	.3122	.3134	.3145	.3084	.3074	.3024	.3009	.3077	290.
310.	.3060	.3092	.3044	.3157	.3120	.3179	.3196	.3182	.3130	.3067	.3035	.3082	.3123	310.
325.	.3134	.3172	.3157	.3250	.3163	.3281	.3201	.3166	.3180	.3125	.3119	.3207	.3248	325.
340.	.3183	.3297	.3280	.3386	.3337	.3449	.3323	.3288	.3268	.3304	.3276	.3344	.3536	340.
350.	.3307	.3331	.3394	.3439	.3389	.3398	.3371	.3340	.3240	.3386	.3395	.3444	.3598	350.

TABLE VI. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = .35 DEG								
0.	.2817	.2561	.2783	.2828	.2887	.2910	.2913	.2945	.2985	.2953	.2947	.2933	.2917	.2930
10.				.2328	.2231	.2407	.2448	.2485	.2458	.2394	.2441	.2396	.2405	.2391
20.		.2160	.1961	.2015	.1991	.1975	.2107	.2103	.2011	.2102	.2049	.2046	.2018	.2030
35.				.1932	.1937	.2038	.2068	.2029	.2016	.1915	.1968	.2054	.1950	.1937
50.	.1871	.1993	.1886	.1901	.1913	.2069	.2068	.1982	.1989	.2029	.1969	.2005	.1895	.1909
70.				.1859	.1942	.2073	.2056	.1979	.2004	.1963	.1967	.1934	.1822	.1792
90.	.1949	.1929	.1929	.1904	.1960	.2051	.2059	.2006	.2004	.1989	.2014	.1948	.1868	.1841
110.					.1999	.2057	.2044	.2069	.2067	.2043	.2033	.1985	.1962	.1968
130.				.2192	.2195	.2221	.2246	.2231	.2256	.2236	.2244	.2173	.2160	.2215
145.	.2612	.2518	.2492	.2644	.2641	.2624	.2636	.2611	.2621	.2602	.2617	.2580	.2543	.2545
160.				.2997	.3019	.3055	.3039	.3037	.3014	.3007	.2957	.3001	.2909	.2953
180.	.3075	.3229	.3359	.3312	.3361	.3334	.3337	.3359	.3349	.3360	.3349	.3326	.3354	.3297
200.				.3584	.3613	.3615	.3603	.3583	.3605	.3618	.3588	.3598	.3508	.3543
215.	.3532	.3508	.3513	.3633	.3658	.3636	.3680	.3613	.3658	.3666	.3636	.3670	.3634	.3577
230.				.3492	.3471	.3500	.3529	.3481	.3528	.3504	.3485	.3481	.3458	.3501
250.					.3165	.3239	.3240	.3234	.3243	.3238	.3179	.3222	.3177	.3186
270.	.3043	.3021	.3035	.2980	.3053	.3150	.3173	.3108	.3115	.3090	.3058	.3061	.2997	.2957
290.				.2887	.3010	.3122	.3153	.3044	.3055	.3014	.2987	.2985	.2892	.2852
310.	.2886	.3076	.2922	.2936	.2955	.3120	.3120	.3032	.3035	.3062	.2994	.2993	.2942	.2952
325.				.3001	.3007	.3116	.3110	.3043	.3074	.2916	.2996	.3040	.2990	.2997
340.		.3103	.2886	.3020	.3054	.3067	.3164	.3128	.3056	.3154	.3068	.3014	.3030	.3053
350.				.3072	.2931	.3114	.3162	.3178	.3163	.3045	.3137	.3099	.3097	.3060
						FOR ALPHA = 1.35 DEG								
0.	.2652	.2419	.2626	.2657	.2711	.2736	.2740	.2790	.2794	.2762	.2779	.2773	.2745	.2753
10.				.2225	.2124	.2293	.2328	.2341	.2324	.2274	.2348	.2295	.2294	.2268
20.		.2091	.1909	.1952	.1930	.1938	.2039	.2043	.1942	.2054	.1975	.1989	.1969	.1951
35.				.1895	.1896	.1963	.2013	.1974	.1967	.1879	.1911	.1992	.1904	.1887
50.	.1841	.1971	.1840	.1889	.1889	.2014	.2024	.1932	.1940	.1976	.1930	.1950	.1851	.1892
70.				.1854	.1918	.2008	.2021	.1948	.1954	.1924	.1916	.1895	.1777	.1757
90.	.1926	.1914	.1900	.1876	.1944	.2011	.2009	.1981	.1974	.1953	.1964	.1919	.1837	.1800
110.					.1975	.2018	.2029	.2026	.2043	.2020	.1988	.1966	.1942	.1918
130.				.2198	.2196	.2210	.2256	.2221	.2246	.2260	.2245	.2167	.2156	.2215
145.	.2745	.2616	.2656	.2760	.2741	.2717	.2715	.2705	.2707	.2694	.2689	.2686	.2604	.2624
160.				.3158	.3192	.3211	.3220	.3194	.3200	.3184	.3104	.3171	.3077	.3117
180.	.3263	.3418	.3546	.3506	.3565	.3533	.3551	.3571	.3561	.3559	.3555	.3539	.3561	.3504
200.				.3772	.3828	.3820	.3798	.3778	.3763	.3816	.3785	.3777	.3711	.3741
215.	.3679	.3655	.3657	.3790	.3804	.3794	.3831	.3762	.3796	.3802	.3801	.3810	.3763	.3730
230.				.3525	.3523	.3540	.3580	.3524	.3573	.3575	.3527	.3523	.3525	.3569
250.					.3167	.3213	.3215	.3212	.3238	.3202	.3135	.3191	.3157	.3170
270.	.2996	.2971	.2949	.2930	.3028	.3099	.3116	.3068	.3063	.3024	.2995	.3026	.2935	.2915
290.				.2840	.2947	.3047	.3073	.2992	.2998	.2943	.2924	.2913	.2805	.2772
310.	.2837	.3008	.2800	.2877	.2877	.3031	.3048	.2950	.2965	.2977	.2910	.2919	.2857	.2875
325.				.2914	.2919	.3024	.3010	.2976	.2975	.2825	.2874	.2930	.2907	.2893
340.		.2961	.2775	.2877	.2921	.2934	.3053	.2994	.2927	.3012	.2920	.2885	.2899	.2908
350.				.2901	.2770	.2934	.2998	.3006	.3005	.2922	.2968	.2939	.2929	.2881
						FOR ALPHA = 2.36 DEG								
0.	.2487	.2275	.2455	.2483	.2532	.2564	.2572	.2605	.2607	.2633	.2604	.2621	.2574	.2579
10.				.2096	.1985	.2179	.2212	.2243	.2200	.2166	.2211	.2194	.2170	.2143
20.		.2029	.1830	.1866	.1866	.1873	.1990	.1967	.1870	.1961	.1916	.1910	.1876	.1869
35.				.1839	.1850	.1932	.1955	.1921	.1911	.1801	.1854	.1924	.1840	.1828
50.	.1798	.1928	.1812	.1832	.1834	.1960	.1968	.1875	.1888	.1923	.1875	.1891	.1795	.1802
70.				.1792	.1853	.1950	.1976	.1881	.1917	.1858	.1870	.1838	.1731	.1706
90.	.1873	.1847	.1825	.1828	.1872	.1953	.1964	.1923	.1926	.1893	.1904	.1861	.1779	.1751
110.					.1935	.1960	.1960	.1995	.1985	.1956	.1921	.1918	.1873	.1871
130.				.2171	.2185	.2197	.2217	.2199	.2227	.2231	.2240	.2161	.2129	.2210
145.	.2854	.2687	.2755	.2841	.2819	.2807	.2798	.2785	.2790	.2770	.2770	.2750	.2693	.2683
160.				.3317	.3350	.3377	.3366	.3353	.3363	.3346	.3280	.3319	.3223	.3281
180.	.3454	.3626	.3761	.3717	.3772	.3755	.3759	.3787	.3756	.3786	.3764	.3740	.3766	.3709
200.				.3955	.4026	.4015	.4000	.3991	.3974	.4011	.3986	.3973	.3929	.3954
215.	.3844	.3798	.3807	.3929	.3946	.3935	.3976	.3904	.3921	.3951	.3942	.3937	.3923	.3869
230.				.3599	.3575	.3586	.3619	.3566	.3603	.3606	.3574	.3570	.3566	.3614
250.					.3128	.3181	.3173	.3188	.3202	.3171	.3102	.3146	.3115	.3129
270.	.2943	.2900	.2903	.2866	.2952	.3042	.3053	.3002	.2997	.2994	.2939	.2953	.2871	.2861
290.				.2775	.2879	.2975	.2997	.2916	.2926	.2879	.2857	.2867	.2750	.2723
310.	.2768	.2904	.2741	.2800	.2787	.2948	.2947	.2874	.2698	.2902	.2807	.2838	.2773	.2788
325.				.2825	.2820	.2929	.2917	.2898	.2906	.2708	.2764	.2839	.2807	.2779
340.		.2844	.2647	.2751	.2793	.2793	.2911	.2859	.2788	.2861	.2781	.2757	.2770	.2772
350.				.2747	.2611	.2752	.2812	.2834	.2808	.2743	.2793	.2772	.2761	.2717
						FOR ALPHA = 3.35 DEG								
0.	.2336	.2146	.2302	.2331	.2375	.2406	.2413	.2445	.2459	.2467	.2461	.2448	.2421	.2433
10.				.1974	.1874	.2067	.2111	.2115	.2085	.2069	.2123	.2081	.2053	.2008
20.		.1967	.1740	.1789	.1800	.1806	.1914	.1883	.1805	.1901	.1835	.1862	.1799	.1798
35.				.1781	.1798	.1890	.1904	.1861	.1853	.1732	.1790	.1868	.1775	.1775
50.	.1760	.1895	.1726	.1788	.1776	.1897	.1929	.1830	.1845	.1862	.1815	.1821	.1733	.1752
70.				.1746	.1817	.1892	.1920	.1851	.1868	.1811	.1826	.1791	.1680	.1656
90.	.1822	.1827	.1716	.1788	.1786	.1896	.1911	.1878	.1878	.1829	.1831	.1821	.1732	.1704
110.					.1861	.1900	.1895	.1930	.1942	.1917	.1852	.1861	.1834	.1819
130.				.2161	.2161	.2151	.2181	.2164	.2220	.2220	.2198	.2139	.2102	.2187
145.	.2969	.2786	.2852	.2952	.2912	.2890	.2872	.2864	.2872	.2837	.2858	.2802	.2766	.2769
160.				.3510	.3528	.3563	.3542	.3532	.3510	.3521	.3445	.3476	.3395	.3449
180.	.3671	.3839	.3976	.3928	.3974	.3968	.3974	.4017	.3974	.3982	.3978	.3967	.3993	.3928
200.				.4164	.4223	.4231	.4221	.4214	.4160	.4213	.4189	.4170	.4110	.4157
215.	.3999	.3931	.3939	.4083	.4090	.4086	.4124	.4054	.4079	.4079	.4083	.4070	.4046	.4020
230.				.3603	.3598	.3632	.3648	.3600	.3672	.3646	.3598	.3591	.3593	.3656
250.					.3086	.3159	.3128	.3148	.3186	.3123	.3066	.3111	.3081	.3117
270.	.2889	.2846	.2886	.2828	.2868	.2979	.2977	.2959	.2950	.2900	.2880	.2889	.2798	.2830
290.				.2720	.2794	.2915	.2927	.2873	.2884	.2812	.2778	.2773	.2677	.2683
310.	.2644	.2781	.2738	.2714	.2719	.2871	.2870	.2806	.2845	.2815	.2734	.2768	.2689	.2720
325.				.2726	.2733	.2826	.2802	.2816	.2830	.2604	.2669	.2759	.2709	.2683
340.		.2745	.2520	.2618	.2677	.2672	.2781	.2740	.2669	.2745	.2653	.2638	.2635	.2652
350.				.2599	.2454	.2592	.2662	.2679	.2658	.2596	.2636	.2629	.2615	.2566

TABLE VI. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = .35 DEG								
0.	.2947	.2926	.2934	.3008	.2966	.2985	.2972	.2961	.2934	.2977	.2986	.3083	.3093	0.
10.	.2427	.2413	.2443	.2515	.2455	.2484	.2473	.2424	.2335	.2451	.2564	.2634	.2654	10.
20.	.2015	.2079	.2076	.2196	.2151	.2257	.2132	.2102	.2119	.2255	.2227	.2155	.2368	20.
35.	.1999	.1982	.1978	.2088	.1990	.2113	.2002	.2027	.2116	.2041	.1903	.1976	.2054	35.
50.	.1915	.1934	.1893	.2053	.1992	.2053	.2049	.2058	.2068	.1930	.1888	.1938	.1933	50.
70.	.1862	.1873	.1858	.1999	.1950	.2014	.2030	.2075	.1958	.1882	.1875	.1869	.1915	70.
90.	.1865	.1876	.1865	.2034	.1972	.1997	.2053	.2050	.1941	.1887	.1871	.1858	.1908	90.
110.	.1984	.1922	.1938	.2032	.1974	.2038	.2129	.2019	.1997	.2035	.1971	.1994	.1947	110.
130.	.2129	.2202	.2127	.2293	.2233	.2270	.2222	.2313	.2289	.2269	.2250	.2233	.2173	130.
145.	.2529	.2463	.2515	.2587	.2510	.2530	.2582	.2601	.1818	.2596	.2636	.2676	.2676	145.
160.	.2926	.2930	.2939	.3035	.2969	.2934	.3005	.3012	.3034	.3030	.3060	.3035	.3095	160.
180.	.3310	.3214	.3268	.3313	.3297	.3349	.3341	.3345	.3361	.3362	.3380	.3405	.3378	180.
200.	.3500	.3585	.3602	.3668	.3606	.3579	.3644	.3649	.3610	.3577	.3713	.3747	.3730	200.
215.	.3642	.3584	.3654	.3676	.3599	.3640	.3651	.3683	.2226	.3700	.3808	.3784	.3749	215.
230.	.3470	.3556	.3451	.3578	.3560	.3526	.3500	.3550	.3568	.3543	.3659	.3568	.3452	230.
250.	.3248	.3149	.3174	.3218	.3182	.3230	.3263	.3213	.3231	.3259	.3211	.3264	.3206	250.
270.	.3038	.2995	.2965	.3120	.3097	.3099	.3161	.3108	.3074	.3045	.3019	.2980	.3024	270.
290.	.2986	.2968	.2938	.3035	.3029	.3083	.3087	.3087	.3035	.3016	.2978	.2951	.3017	290.
310.	.2999	.3022	.2962	.3082	.3061	.3113	.3132	.3105	.3049	.2996	.2966	.3014	.3040	310.
325.	.3041	.3072	.3074	.3169	.3073	.3198	.3112	.3087	.3077	.3021	.3034	.3108	.3149	325.
340.	.3061	.3155	.3161	.3261	.3229	.3313	.3183	.3166	.3149	.3186	.3143	.3191	.3393	340.
350.	.3131	.3175	.3235	.3276	.3234	.3233	.3201	.3182	.3081	.3218	.3223	.3288	.3446	350.
						FOR ALPHA = 1.35 DEG								
0.	.2789	.2747	.2753	.2835	.2801	.2809	.2787	.2785	.2764	.2802	.2828	.2907	.2918	0.
10.	.2303	.2290	.2306	.2391	.2331	.2366	.2337	.2290	.2226	.2323	.2446	.2500	.2512	10.
20.	.1974	.2033	.1995	.2127	.2064	.2186	.2066	.2012	.2066	.2183	.2131	.2084	.2278	20.
35.	.1944	.1955	.1939	.2046	.1921	.2058	.1963	.1998	.2093	.1961	.1857	.1939	.2011	35.
50.	.1895	.1880	.1858	.2017	.1942	.2003	.1999	.2033	.2006	.1848	.1831	.1867	.1892	50.
70.	.1840	.1835	.1812	.1968	.1921	.1998	.1987	.2034	.1911	.1839	.1858	.1823	.1860	70.
90.	.1821	.1850	.1826	.2001	.1944	.1979	.2042	.2006	.1903	.1852	.1833	.1823	.1857	90.
110.	.1954	.1885	.1904	.2006	.1940	.2007	.2073	.1990	.1964	.1989	.1938	.1951	.1905	110.
130.	.2159	.2213	.2148	.2306	.2225	.2288	.2225	.2309	.2287	.2264	.2280	.2236	.2190	130.
145.	.2628	.2545	.2611	.2680	.2588	.2609	.2652	.2671	.1951	.2682	.2728	.2749	.2774	145.
160.	.3114	.3097	.3094	.3196	.3132	.3095	.3152	.3153	.3186	.3187	.3235	.3193	.3242	160.
180.	.3523	.3423	.3471	.3525	.3502	.3543	.3540	.3540	.3561	.3569	.3593	.3617	.3583	180.
200.	.3707	.3770	.3792	.3843	.3794	.3776	.3826	.3836	.3778	.3771	.3920	.3954	.3936	200.
215.	.3779	.3711	.3792	.3818	.3750	.3753	.3776	.3818	.2414	.3834	.3959	.3938	.3897	215.
230.	.3533	.3581	.3516	.3628	.3608	.3587	.3522	.3614	.3620	.3587	.3724	.3624	.3527	230.
250.	.3211	.3116	.3138	.3189	.3160	.3206	.3234	.3186	.3208	.3235	.3178	.3229	.3178	250.
270.	.2967	.2936	.2928	.3063	.3030	.3042	.3114	.3070	.3018	.2986	.2957	.2924	.2972	270.
290.	.2924	.2892	.2870	.2983	.2973	.3020	.3014	.3012	.2979	.2958	.2911	.2877	.2937	290.
310.	.2924	.2928	.2902	.3027	.2979	.3036	.3045	.3041	.2984	.2917	.2887	.2917	.2968	310.
325.	.2952	.2972	.2986	.3075	.2966	.3101	.3033	.2987	.2977	.2919	.2940	.3006	.3046	325.
340.	.2922	.3030	.3022	.3127	.3082	.3200	.3043	.3035	.3012	.3039	.3032	.3058	.3242	340.
350.	.2965	.3009	.3042	.3105	.3055	.3073	.3019	.3001	.2920	.3045	.3077	.3118	.3244	350.
						FOR ALPHA = 2.36 DEG								
0.	.2605	.2551	.2567	.2670	.2637	.2641	.2600	.2607	.2594	.2641	.2675	.2734	.2735	0.
10.	.2176	.2158	.2165	.2265	.2216	.2239	.2201	.2165	.2099	.2224	.2346	.2345	.2359	10.
20.	.1916	.1923	.1925	.2042	.1991	.2115	.1955	.1943	.2013	.2117	.2042	.1981	.2200	20.
35.	.1895	.1880	.1887	.1973	.1846	.2002	.1895	.1960	.2022	.1864	.1807	.1872	.1977	35.
50.	.1829	.1842	.1791	.1949	.1881	.1951	.1977	.2003	.1940	.1787	.1782	.1814	.1830	50.
70.	.1779	.1786	.1761	.1926	.1874	.1947	.1945	.1972	.1840	.1790	.1806	.1766	.1796	70.
90.	.1768	.1794	.1786	.1958	.1894	.1939	.2016	.1948	.1854	.1801	.1782	.1774	.1815	90.
110.	.1901	.1844	.1857	.1959	.1888	.1951	.2047	.1936	.1909	.1935	.1887	.1907	.1847	110.
130.	.2139	.2200	.2137	.2289	.2233	.2269	.2220	.2286	.2258	.2265	.2263	.2228	.2184	130.
145.	.2693	.2640	.2681	.2763	.2681	.2669	.2742	.2738	.2117	.2774	.2801	.2836	.2854	145.
160.	.3268	.3280	.3263	.3368	.3302	.3250	.3317	.3317	.3332	.3351	.3414	.3368	.3414	160.
180.	.3731	.3637	.3697	.3742	.3730	.3738	.3748	.3749	.3769	.3788	.3806	.3830	.3800	180.
200.	.3911	.3992	.4002	.4054	.3989	.3947	.4038	.4039	.3989	.3967	.4079	.4173	.4145	200.
215.	.3939	.3850	.3920	.3958	.3883	.3881	.3912	.3943	.2626	.3956	.4106	.4097	.4036	215.
230.	.3564	.3624	.3553	.3674	.3636	.3617	.3569	.3644	.3663	.3623	.3749	.3682	.3569	230.
250.	.3166	.3083	.3128	.3163	.3122	.3172	.3208	.3176	.3180	.3197	.3137	.3191	.3157	250.
270.	.2904	.2867	.2874	.3025	.2995	.3004	.3052	.3016	.2979	.2938	.2907	.2856	.2909	270.
290.	.2853	.2830	.2809	.2924	.2913	.2951	.2951	.2942	.2919	.2904	.2825	.2821	.2863	290.
310.	.2832	.2839	.2834	.2955	.2894	.2958	.2976	.2966	.2897	.2838	.2800	.2833	.2894	310.
325.	.2866	.2869	.2890	.3001	.2874	.3002	.2928	.2881	.2895	.2828	.2838	.2886	.2943	325.
340.	.2797	.2896	.2882	.2991	.2959	.3042	.2897	.2904	.2877	.2906	.2891	.2913	.3095	340.
350.	.2798	.2859	.2870	.2941	.2892	.2885	.2854	.2839	.2757	.2879	.2898	.2974	.3053	350.
						FOR ALPHA = 3.35 DEG								
0.	.2453	.2380	.2397	.2518	.2460	.2473	.2441	.2439	.2433	.2475	.2509	.2572	.2561	0.
10.	.2084	.2040	.2048	.2152	.2121	.2132	.2091	.2062	.1975	.2169	.2285	.2198	.2234	10.
20.	.1841	.1877	.1840	.1957	.1912	.2045	.1892	.1875	.1931	.2028	.1962	.1923	.2113	20.
35.	.1846	.1834	.1829	.1917	.1783	.1932	.1864	.1923	.1944	.1777	.1753	.1830	.1924	35.
50.	.1771	.1782	.1746	.1894	.1822	.1887	.1926	.1987	.1854	.1733	.1717	.1749	.1791	50.
70.	.1731	.1726	.1721	.1870	.1820	.1913	.1889	.1911	.1779	.1755	.1753	.1696	.1747	70.
90.	.1715	.1728	.1717	.1908	.1841	.1901	.1976	.1871	.1800	.1745	.1732	.1711	.1747	90.
110.	.1846	.1795	.1813	.1907	.1843	.1890	.2000	.1878	.1854	.1877	.1823	.1845	.1787	110.
130.	.2114	.2177	.2135	.2293	.2227	.2245	.2210	.2265	.2256	.2253	.2247	.2203	.2178	130.
145.	.2782	.2710	.2771	.2829	.2758	.2749	.2811	.2819	.2278	.2853	.2891	.2909	.2933	145.
160.	.3456	.3461	.3442	.3542	.3478	.3425	.3482	.3485	.3503	.3542	.3577	.3533	.3580	160.
180.	.3944	.3858	.3917	.3946	.3932	.3954	.3959	.3957	.3965	.3992	.4034	.4052	.4020	180.
200.	.4123	.4189	.4196	.4243	.4199	.4152	.4240	.4247	.4185	.4187	.4295	.4383	.4358	200.
215.	.4079	.3993	.4062	.4083	.4010	.4015	.4054	.4085	.2832	.4084	.4247	.4246	.4183	215.
230.	.3603	.3664	.3591	.3730	.3682	.3666	.3609	.3681	.3718	.3671	.3794	.3725	.3619	230.
250.	.3124	.3042	.3060	.3122	.3099	.3140	.3167	.3113	.3134	.3163	.3093	.3135	.3095	250.
270.	.2839	.2828	.2826	.2964	.2954	.2960	.3019	.2966	.2923	.2884	.2854	.2802	.2857	270.
290.	.2770	.2765	.2773	.2868	.2857	.2899	.2880	.2896	.2854	.2834	.2763	.2750	.2806	290.
310.	.2762	.2758	.2774	.2888	.2817	.2879	.2896	.2891	.2820	.2774	.2708	.2745	.2816	310.
325.	.2774	.2785	.2799	.2894	.2786	.2911	.2843	.2791	.2785	.2743	.2737	.2773	.2856	325.
340.	.2688	.2764	.2748	.2884	.2828	.2911	.2778	.2772	.2762	.2779	.2777	.2779	.2936	340.
350.	.2652	.2677	.2709	.2804	.2728	.2730	.2678	.2686	.2613	.2726	.2761	.2792	.2869	350.

TABLE VI. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONTINUED

THETA, DEG	.0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							CP AT X/L =							
							FOR ALPHA = 5.35 DEG							
0.	.2038	.1904	.2008	.2027	.2065	.2097	.2105	.2144	.2169	.2173	.2162	.2167	.2116	.2108
10.				.1781	.1688	.1859	.1890	.1900	.1887	.1848	.1891	.1877	.1835	.1787
20.		.1787	.1577	.1658	.1688	.1678	.1789	.1738	.1688	.1754	.1706	.1733	.1659	.1691
35.				.1678	.1692	.1779	.1759	.1750	.1751	.1596	.1704	.1724	.1648	.1669
50.	.1644	.1755	.1610	.1669	.1681	.1797	.1791	.1722	.1732	.1739	.1706	.1702	.1616	.1658
70.				.1637	.1715	.1809	.1804	.1740	.1742	.1697	.1689	.1655	.1581	.1570
90.	.1710	.1692	.1594	.1625	.1698	.1762	.1768	.1748	.1730	.1727	.1685	.1682	.1608	.1595
110.					.1708	.1773	.1753	.1793	.1801	.1745	.1711	.1728	.1685	.1684
130.				.2043	.2080	.2079	.2115	.2110	.2133	.2156	.2067	.2070	.2030	.2108
145.	.3232	.2965	.3058	.3138	.3068	.3053	.3038	.3022	.3050	.2961	.2967	.2937	.2924	.2937
160.				.3860	.3891	.3902	.3879	.3892	.3868	.3864	.3788	.3831	.3735	.3801
180.	.4134	.4285	.4426	.4395	.4434	.4421	.4419	.4460	.4419	.4423	.4413	.4424	.4449	.4357
200.				.4632	.4646	.4644	.4642	.4623	.4605	.4614	.4602	.4597	.4526	.4571
215.	.4329	.4210	.4314	.4376	.4389	.4374	.4344	.4345	.4354	.4348	.4340	.4347	.4309	.4316
230.				.3665	.3646	.3662	.3703	.3656	.3711	.3695	.3649	.3636	.3646	.3774
250.					.2986	.3035	.3027	.3069	.3077	.3022	.2962	.2995	.2965	.3033
270.	.2739	.2684	.2741	.2656	.2732	.2824	.2857	.2844	.2805	.2730	.2728	.2731	.2696	.2715
290.				.2566	.2647	.2755	.2822	.2728	.2720	.2635	.2639	.2640	.2539	.2580
310.	.2411	.2574	.2522	.2545	.2545	.2691	.2726	.2649	.2654	.2626	.2594	.2606	.2517	.2592
325.				.2541	.2531	.2614	.2626	.2615	.2598	.2389	.2495	.2567	.2494	.2525
340.		.2441	.2257	.2344	.2406	.2408	.2511	.2472	.2387	.2404	.2402	.2379	.2356	.2401
350.				.2272	.2131	.2268	.2337	.2358	.2336	.2266	.2332	.2321	.2303	.2247
							FOR ALPHA = 10.35 DEG							
0.	.1395	.1444	.1429	.1415	.1452	.1513	.1533	.1551	.1540	.1522	.1517	.1510	.1429	.1415
10.				.1373	.1265	.1434	.1472	.1463	.1442	.1386	.1402	.1379	.1313	.1295
20.		.1445	.1211	.1348	.1377	.1387	.1460	.1428	.1363	.1438	.1344	.1318	.1284	.1295
35.				.1426	.1448	.1488	.1456	.1444	.1431	.1290	.1352	.1394	.1328	.1341
50.	.1337	.1435	.1179	.1382	.1410	.1506	.1474	.1416	.1428	.1440	.1389	.1400	.1318	.1336
70.				.1282	.1433	.1455	.1469	.1420	.1402	.1349	.1391	.1396	.1287	.1261
90.	.1278	.1286	.1187	.1193	.1299	.1355	.1365	.1356	.1313	.1267	.1295	.1318	.1238	.1230
110.					.1212	.1264	.1266	.1278	.1255	.1269	.1213	.1244	.1220	.1245
130.				.1866	.1838	.1738	.1752	.1751	.1772	.1782	.1808	.1817	.1817	.1898
145.	.3924	.3421	.3613	.3661	.3506	.3567	.3441	.3447	.3409	.3339	.3316	.3355	.3414	.3379
160.				.4870	.4868	.4925	.4884	.4861	.4833	.4764	.4718	.4759	.4723	.4776
180.	.5446	.5504	.5643	.5621	.5650	.5640	.5656	.5663	.5654	.5633	.5613	.5617	.5633	.5568
200.				.5763	.5781	.5784	.5755	.5732	.5733	.5723	.5662	.5704	.5605	.5685
215.	.5205	.4927	.5039	.5164	.5114	.5082	.5049	.5033	.5053	.4977	.5003	.5026	.5010	.4985
230.				.3740	.3667	.3615	.3629	.3601	.3683	.3659	.3696	.3688	.3687	.3788
250.					.2611	.2663	.2598	.2641	.2651	.2618	.2606	.2672	.2669	.2691
270.	.2292	.2274	.2281	.2266	.2343	.2375	.2384	.2373	.2349	.2288	.2343	.2381	.2356	.2330
290.				.2178	.2284	.2340	.2388	.2321	.2293	.2275	.2313	.2327	.2261	.2253
310.	.1883	.2051	.2140	.2114	.2159	.2267	.2281	.2197	.2200	.2210	.2210	.2228	.2154	.2231
325.				.2034	.2063	.2144	.2114	.2105	.2078	.1860	.2019	.2093	.2051	.2065
340.		.1766	.1600	.1683	.1786	.1779	.1853	.1806	.1745	.1775	.1760	.1741	.1730	.1753
350.				.1549	.1470	.1583	.1655	.1651	.1620	.1569	.1632	.1648	.1575	.1539
							FOR ALPHA = 15.35 DEG							
0.	.1013	.1178	.1033	.1012	.1003	.1029	.1043	.1048	.1042	.1045	.1058	.1056	.0968	.0964
10.				.1066	.0941	.1032	.1061	.1051	.1036	.0990	.1019	.1010	.0968	.1001
20.		.1143	.0838	.1058	.1061	.1048	.1081	.1017	.0985	.1017	.0984	.0966	.0966	.1043
35.				.1115	.1095	.1144	.1097	.1052	.1048	.0901	.0981	.1050	.1046	.1080
50.	.0924	.1044	.0929	.1028	.1046	.1137	.1124	.1047	.1075	.1083	.1038	.1045	.1052	.1100
70.				.0884	.0976	.1030	.1085	.1007	.1008	.0992	.0992	.1044	.1022	.0975
90.	.0730	.0743	.0623	.0612	.0689	.0768	.0809	.0798	.0791	.0741	.0708	.0802	.0831	.0753
110.					.0425	.0454	.0439	.0473	.0557	.0543	.0497	.0611	.0635	.0614
130.				.1600	.1490	.1361	.1359	.1308	.1418	.1422	.1440	.1505	.1529	.1663
145.	.4767	.3989	.4293	.4288	.4054	.4081	.3943	.3971	.3953	.3880	.3855	.3851	.3977	.4009
160.				.5989	.5972	.5961	.5907	.5925	.5923	.5929	.5833	.5916	.5859	.5935
180.	.6847	.6884	.7001	.6976	.6988	.6932	.6943	.7004	.7015	.7020	.6998	.7012	.7027	.6945
200.				.6961	.6966	.6988	.6965	.6954	.6951	.6980	.6881	.6895	.6827	.6909
215.	.6169	.5721	.5894	.5971	.5773	.5797	.5744	.5752	.5781	.5744	.5688	.5668	.5742	.5691
230.				.3699	.3622	.3475	.3518	.3522	.3633	.3623	.3609	.3650	.3675	.3721
250.					.2063	.2096	.2085	.2111	.2136	.2139	.2069	.2146	.2126	.2127
270.	.1739	.1823	.1784	.1728	.1716	.1826	.1863	.1877	.1874	.1816	.1806	.1863	.1811	.1799
290.				.1667	.1775	.1866	.1956	.1891	.1905	.1898	.1899	.1947	.1851	.1813
310.	.1356	.1559	.1731	.1644	.1674	.1819	.1837	.1764	.1817	.1826	.1769	.1795	.1710	.1731
325.				.1481	.1524	.1631	.1594	.1560	.1587	.1356	.1481	.1561	.1480	.1488
340.		.1206	.1040	.1071	.1132	.1132	.1158	.1088	.1059	.1119	.1058	.1050	.1036	.1042
350.				.0979	.0865	.0966	.0998	.0972	.0969	.0952	.1000	.1012	.0950	.0913
							FOR ALPHA = 20.36 DEG							
0.	.0592	.0768	.0602	.0681	.0694	.0743	.0766	.0784	.0817	.0831	.0837	.0784	.0642	.0655
10.				.0755	.0633	.0750	.0807	.0833	.0847	.0747	.0801	.0785	.0697	.0674
20.		.0705	.0573	.0694	.0708	.0721	.0798	.0810	.0766	.0728	.0719	.0702	.0638	.0665
35.				.0703	.0683	.0733	.0778	.0847	.0800	.0563	.0679	.0742	.0665	.0686
50.	.0288	.0507	.0426	.0585	.0613	.0700	.0768	.0824	.0808	.0760	.0723	.0744	.0678	.0729
70.				.0299	.0413	.0502	.0624	.0728	.0642	.0596	.0619	.0682	.0575	.0561
90.	-.0026	.0102	-.0144	-.0176	-.0222	-.0209	-.0137	.0085	.0085	.0034	.0063	.0120	.0040	.0031
110.					-.0468	-.0505	-.0543	-.0484	-.0514	-.0607	-.0596	-.0560	-.0597	-.0597
130.				.1416	.1256	.1129	.1165	.1234	.1327	.1237	.1304	.1327	.1276	.1310
145.	.5664	.4782	.5026	.4973	.4626	.4722	.4610	.4682	.4699	.4514	.4518	.4514	.4539	.4472
160.				.7129	.7117	.7134	.7151	.7205	.7222	.7151	.7068	.7100	.7018	.7009
180.	.8273	.8462	.8432	.8380	.8393	.8392	.8435	.8488	.8481	.8481	.8491	.8440	.8436	.8350
200.				.8230	.8245	.8244	.8240	.8242	.8233	.8237	.8153	.8161	.8051	.8130
215.	.7206	.6573	.6758	.6773	.6535	.6594	.6476	.6521	.6473	.6449	.6381	.6321	.6408	.6368
230.				.3715	.3534	.3404	.3417	.3402	.3492	.3499	.3450	.3464	.3516	.3557
250.					.1421	.1427	.1361	.1344	.1364	.1393	.1314	.1334	.1394	.1395
270.	.0927	.1207	.1171	.1014	.0998	.1062	.1125	.1135	.1155	.1142	.1100	.1091	.1082	.1092
290.				.1129	.1223	.1323	.1430	.1393	.1399	.1426	.1431	.1451	.1422	.1387
310.	.0720	.0926	.1111	.1095	.1141	.1331	.1354	.1292	.1348	.1409	.1326	.1285	.1267	.1267
325.				.0872	.0967	.1070	.1076	.1041	.1046	.0852	.0961	.0985	.0932	.0910
340.		.0708	.0385	.0450	.0488	.0463	.0478	.0413	.0401	.0468	.0435	.0367	.0342	.0383
350.				.0486	.0395	.0495	.0521	.0522	.0524	.0526	.0583	.0550	.0451	.0414

TABLE VI. - CONTINUED

(C) MACH = 1.70, BETA = 3.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.35 DEG								
0.	.2099	.2066	.2104	.2195	.2147	.2167	.2128	.2137	.2141	.2187	.2237	.2255	.2214	0.
10.	.1816	.1798	.1833	.1951	.1884	.1872	.1867	.1824	.1840	.2012	.1989	.1890	.2014	10.
20.	.1681	.1694	.1688	.1841	.1768	.1850	.1714	.1806	.1857	.1829	.1752	.1747	.1958	20.
35.	.1708	.1686	.1676	.1796	.1687	.1808	.1801	.1832	.1728	.1659	.1644	.1707	.1781	35.
50.	.1669	.1669	.1646	.1769	.1685	.1829	.1866	.1830	.1683	.1617	.1585	.1644	.1698	50.
70.	.1636	.1642	.1619	.1755	.1708	.1831	.1851	.1730	.1662	.1666	.1619	.1579	.1643	70.
90.	.1595	.1607	.1610	.1788	.1780	.1788	.1843	.1716	.1675	.1647	.1620	.1583	.1622	90.
110.	.1707	.1663	.1660	.1748	.1732	.1772	.1818	.1698	.1695	.1733	.1672	.1690	.1609	110.
130.	.2072	.2124	.2076	.2243	.2187	.2187	.2189	.2149	.2197	.2193	.2203	.2150	.2125	130.
145.	.2946	.2898	.2938	.2979	.2915	.2936	.2977	.3027	.2391	.3002	.3061	.3086	.3090	145.
160.	.3801	.3817	.3811	.3872	.3816	.3750	.3834	.3853	.3818	.3902	.3888	.3878	.3934	160.
180.	.4367	.4317	.4381	.4393	.4377	.4398	.4407	.4408	.4417	.4453	.4486	.4514	.4482	180.
200.	.4592	.4576	.4596	.4659	.4618	.4584	.4650	.4661	.4596	.4601	.4753	.4787	.4769	200.
215.	.4350	.4253	.4337	.4370	.4307	.4308	.4337	.4367	.3112	.4383	.4543	.4518	.4482	215.
230.	.3648	.3718	.3645	.3778	.3751	.3728	.3654	.3734	.3768	.3737	.3856	.3781	.3673	230.
250.	.3018	.2942	.2966	.3033	.3008	.3028	.3062	.3024	.3033	.3049	.2955	.3033	.2976	250.
270.	.2692	.2709	.2693	.2838	.2835	.2843	.2889	.2824	.2795	.2730	.2716	.2661	.2725	270.
290.	.2636	.2656	.2655	.2742	.2724	.2782	.2747	.2758	.2730	.2661	.2633	.2599	.2655	290.
310.	.2597	.2625	.2624	.2723	.2650	.2748	.2728	.2715	.2683	.2601	.2516	.2589	.2634	310.
325.	.2589	.2595	.2607	.2709	.2588	.2713	.2641	.2595	.2585	.2555	.2492	.2560	.2668	325.
340.	.2436	.2479	.2503	.2621	.2531	.2617	.2518	.2516	.2493	.2543	.2491	.2455	.2660	340.
350.	.2343	.2369	.2387	.2475	.2402	.2392	.2371	.2381	.2306	.2433	.2454	.2429	.2500	350.
						FOR ALPHA = 10.35 DEG								
0.	.1437	.1410	.1434	.1553	.1519	.1543	.1524	.1547	.1507	.1540	.1553	.1568	.1582	0.
10.	.1323	.1322	.1348	.1481	.1478	.1547	.1463	.1403	.1371	.1458	.1481	.1482	.1588	10.
20.	.1294	.1316	.1296	.1502	.1525	.1569	.1412	.1398	.1387	.1420	.1398	.1415	.1581	20.
35.	.1368	.1331	.1350	.1575	.1450	.1504	.1422	.1387	.1376	.1329	.1333	.1405	.1454	35.
50.	.1346	.1318	.1353	.1608	.1451	.1472	.1432	.1410	.1387	.1336	.1306	.1345	.1396	50.
70.	.1303	.1296	.1365	.1581	.1419	.1459	.1385	.1379	.1353	.1317	.1317	.1282	.1380	70.
90.	.1214	.1199	.1232	.1466	.1321	.1340	.1381	.1311	.1255	.1236	.1203	.1160	.1249	90.
110.	.1276	.1203	.1196	.1331	.1185	.1208	.1212	.1148	.1151	.1203	.1130	.1115	.1125	110.
130.	.1820	.1847	.1808	.2058	.2037	.1945	.1851	.1924	.1971	.1932	.1914	.1897	.1907	130.
145.	.3389	.3265	.3308	.3448	.3409	.3351	.3335	.3391	.2512	.3387	.3448	.3476	.3522	145.
160.	.4797	.4778	.4758	.4842	.4816	.4782	.4887	.4821	.4789	.4757	.4810	.4836	.4916	160.
180.	.5616	.5556	.5600	.5614	.5574	.5658	.5652	.5643	.5687	.5699	.5727	.5701	.5628	180.
200.	.5674	.5689	.5694	.5788	.5736	.5709	.5777	.5765	.5734	.5784	.5795	.5830	.5849	200.
215.	.4992	.4914	.5017	.5049	.4980	.4979	.5026	.5048	.3216	.5044	.5095	.5165	.5213	215.
230.	.3693	.3769	.3713	.3888	.3843	.3787	.3698	.3768	.3836	.3825	.3815	.3791	.3741	230.
250.	.2701	.2587	.2592	.2654	.2610	.2647	.2626	.2559	.2544	.2646	.2573	.2553	.2489	250.
270.	.2304	.2293	.2292	.2462	.2437	.2451	.2452	.2402	.2326	.2290	.2317	.2282	.2299	270.
290.	.2296	.2280	.2285	.2374	.2359	.2423	.2340	.2332	.2275	.2238	.2241	.2248	.2327	290.
310.	.2214	.2177	.2161	.2313	.2229	.2333	.2297	.2208	.2192	.2122	.2079	.2158	.2249	310.
325.	.2100	.2057	.2057	.2188	.2066	.2229	.2115	.2013	.2010	.1975	.1960	.2029	.2123	325.
340.	.1774	.1777	.1769	.1904	.1862	.1980	.1889	.1833	.1762	.1841	.1803	.1802	.2017	340.
350.	.1596	.1598	.1613	.1752	.1681	.1722	.1685	.1680	.1573	.1655	.1706	.1706	.1838	350.
						FOR ALPHA = 15.35 DEG								
0.	.0987	.0973	.0998	.1122	.1078	.1107	.1069	.1076	.1058	.1106	.1090	.1065	.1066	0.
10.	.1042	.0981	.1015	.1169	.1112	.1154	.1124	.1135	.1079	.1115	.1116	.1068	.1131	10.
20.	.0990	.0975	.0993	.1161	.1110	.1188	.1105	.1126	.1101	.1135	.1058	.0989	.1220	20.
35.	.1018	.0996	.1011	.1161	.1045	.1198	.1093	.1066	.1070	.1061	.0976	.1077	.1172	35.
50.	.1007	.0982	.0986	.1135	.1059	.1180	.1119	.1099	.1106	.1052	.0956	.1082	.1154	50.
70.	.0961	.0942	.0926	.1075	.1019	.1096	.1027	.1044	.1075	.0968	.0916	.0970	.1050	70.
90.	.0656	.0649	.0614	.0828	.0793	.0810	.0857	.0819	.0831	.0712	.0649	.0703	.0741	90.
110.	.0532	.0427	.0392	.0499	.0428	.0406	.0416	.0361	.0380	.0308	.0163	.0245	.0241	110.
130.	.1447	.1513	.1484	.1659	.1638	.1657	.1592	.1623	.1637	.1657	.1552	.1576	.1620	130.
145.	.3883	.3726	.3859	.3890	.3849	.3807	.3865	.3843	.2796	.3858	.4028	.4002	.3956	145.
160.	.5887	.5857	.5860	.5939	.5878	.5873	.5958	.5870	.5799	.5784	.5896	.5994	.6022	160.
180.	.6964	.6916	.6959	.6992	.6948	.6994	.7028	.6981	.6972	.6985	.7016	.7036	.6994	180.
200.	.6908	.6900	.6926	.6939	.6934	.6897	.7019	.6937	.6871	.6879	.6980	.7026	.7021	200.
215.	.5671	.5600	.5684	.5734	.5619	.5619	.5721	.5689	.3764	.5671	.5792	.5846	.5865	215.
230.	.3668	.3733	.3640	.3796	.3761	.3716	.3691	.3734	.3722	.3719	.3746	.3793	.3755	230.
250.	.2156	.2039	.1980	.2058	.1962	.1992	.2049	.1955	.1888	.1885	.1843	.1923	.1936	250.
270.	.1801	.1745	.1676	.1872	.1833	.1862	.1922	.1918	.1840	.1778	.1744	.1784	.1841	270.
290.	.1873	.1835	.1774	.1940	.1885	.1937	.1869	.1908	.1918	.1875	.1841	.1876	.1990	290.
310.	.1746	.1699	.1626	.1791	.1732	.1832	.1786	.1769	.1767	.1740	.1692	.1824	.1933	310.
325.	.1556	.1512	.1416	.1589	.1498	.1628	.1539	.1498	.1467	.1462	.1494	.1611	.1739	325.
340.	.1061	.1075	.1015	.1176	.1177	.1300	.1217	.1208	.1207	.1253	.1213	.1208	.1421	340.
350.	.0943	.0972	.0981	.1114	.1049	.1136	.1098	.1073	.1014	.1081	.1079	.1067	.1167	350.
						FOR ALPHA = 20.36 DEG								
0.	.0660	.0649	.0660	.0788	.0747	.0790	.0747	.0768	.0767	.0805	.0800	.0742	.0711	0.
10.	.0738	.0738	.0751	.0890	.0828	.0819	.0761	.0807	.0770	.0855	.0898	.0863	.0903	10.
20.	.0667	.0697	.0677	.0835	.0761	.0795	.0767	.0784	.0754	.0784	.0800	.0787	.0873	20.
35.	.0720	.0681	.0627	.0823	.0664	.0768	.0767	.0728	.0697	.0667	.0669	.0725	.0805	35.
50.	.0705	.0671	.0616	.0849	.0670	.0750	.0808	.0781	.0754	.0714	.0686	.0730	.0785	50.
70.	.0584	.0577	.0554	.0764	.0602	.0699	.0685	.0667	.0650	.0634	.0620	.0585	.0623	70.
90.	.0034	.0029	.0025	.0266	.0133	.0148	.0262	.0223	.0169	.0168	.0108	.0082	.0101	90.
110.	-.0574	-.0623	-.0610	-.0472	-.0613	-.0696	-.0649	-.0665	-.0735	-.0733	-.0816	-.0847	-.0841	110.
130.	.1277	.1324	.1296	.1505	.1538	.1461	.1363	.1479	.1517	.1525	.1514	.1504	.1467	130.
145.	.4419	.4317	.4433	.4490	.4464	.4395	.4319	.4405	.3345	.4505	.4620	.4657	.4568	145.
160.	.6979	.7002	.7000	.7115	.7062	.7031	.7069	.6974	.7007	.7021	.7049	.7137	.6987	160.
180.	.8376	.8301	.8346	.8402	.8402	.8431	.8403	.8398	.8423	.8455	.8465	.8411	.8155	180.
200.	.8100	.8081	.8140	.8236	.8188	.8144	.8181	.8189	.8183	.8169	.8206	.8237	.7991	200.
215.	.6316	.6194	.6344	.6456	.6326	.6293	.6341	.6429	.4605	.6392	.6502	.6504	.6336	215.
230.	.3471	.3556	.3515	.3699	.3671	.3607	.3625	.3752	.3640	.3613	.3662	.3679	.3559	230.
250.	.1388	.1326	.1296	.1380	.1267	.1212	.1278	.1201	.1080	.1053	.0979	.1006	.0970	250.
270.	.1085	.1074	.1040	.1268	.1269	.1306	.1420	.1326	.1224	.1225	.1167	.1157	.1151	270.
290.	.1386	.1382	.1366	.1544	.1487	.1569	.1590	.1542	.1473	.1457	.1450	.1420	.1459	290.
310.	.1228	.1200	.1212	.1393	.1298	.1441	.1507	.1450	.1334	.1276	.1276	.1311	.1357	310.
325.	.0973	.0942	.0911	.1111	.0977	.1123	.1107	.0996	.0877	.0847	.0870	.0916	.0964	325.
340.	.0410	.0404	.0373	.0543	.0467	.0624	.0574	.0619	.0521	.0507	.0508	.0483	.0634	340.
350.	.0461	.0455	.0460	.0619	.0538	.0558	.0538	.0625	.0545	.0567	.0546	.0534	.0629	350.

TABLE VI. - CONTINUED

(D) MACH = 1.70, BETA = 5.04 DEG

THETA, DEG	.0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							CP AT X/L =							
							FOR ALPHA = -4.65 DEG							
0.	.3715	.3346	.3589	.3678	.3710	.3750	.3763	.3814	.3846	.3827	.3822	.3806	.3782	.3768
10.				.2625	.2440	.2728	.2697	.2776	.2742	.2658	.2756	.2703	.2639	.2640
20.		.2197	.1965	.1946	.1821	.1801	.1887	.1949	.1891	.1917	.1910	.1901	.1823	.1867
35.				.1735	.1759	.1902	.1924	.1928	.1925	.1788	.1853	.1854	.1825	.1865
50.	.1677	.1813	.1753	.1810	.1794	.1943	.1974	.1896	.1909	.1947	.1849	.1861	.1850	.1892
70.				.1755	.1846	.1940	.1928	.1865	.1909	.1832	.1798	.1800	.1758	.1755
90.	.1765	.1781	.1755	.1759	.1816	.1902	.1878	.1845	.1872	.1810	.1795	.1810	.1768	.1743
110.					.1813	.1868	.1806	.1825	.1817	.1775	.1783	.1798	.1760	.1746
130.				.1869	.1841	.1864	.1822	.1823	.1823	.1809	.1851	.1778	.1770	.1785
145.	.1864	.1866	.1836	.1986	.1976	.1956	.1920	.1907	.1891	.1929	.1952	.1884	.1851	.1813
160.				.2121	.2150	.2158	.2101	.2105	.2080	.2139	.2141	.2071	.1997	.1990
180.	.2150	.2311	.2429	.2345	.2380	.2361	.2351	.2383	.2384	.2419	.2426	.2363	.2341	.2256
200.				.2687	.2707	.2711	.2691	.2724	.2742	.2751	.2758	.2710	.2619	.2684
215.	.2911	.3007	.2876	.3054	.3080	.3021	.3071	.3090	.3108	.3114	.3112	.3110	.3069	.3033
230.				.3396	.3395	.3444	.3447	.3521	.3496	.3494	.3457	.3438	.3469	.3424
250.					.3599	.3655	.3625	.3674	.3673	.3662	.3632	.3656	.3645	.3609
270.	.3626	.3612	.3741	.3585	.3665	.3764	.3732	.3741	.3758	.3728	.3693	.3716	.3666	.3633
290.				.3591	.3713	.3825	.3808	.3759	.3797	.3744	.3720	.3721	.3667	.3626
310.	.3662	.3753	.3771	.3741	.3746	.3875	.3881	.3817	.3839	.3849	.3828	.3848	.3831	.3850
325.				.3872	.3886	.3980	.3959	.3955	.3953	.3801	.3912	.3976	.3954	.3953
340.		.4123	.3873	.4052	.4065	.4071	.4193	.4174	.4068	.4172	.4105	.4102	.4123	.4113
350.				.4155	.4004	.4187	.4235	.4285	.4274	.4185	.4238	.4256	.4235	.4129
							FOR ALPHA = -2.64 DEG							
0.	.3302	.2938	.3162	.3239	.3292	.3316	.3325	.3358	.3383	.3379	.3364	.3337	.3318	.3319
10.				.2294	.2192	.2412	.2434	.2459	.2422	.2379	.2410	.2381	.2325	.2318
20.		.1991	.1759	.1749	.1715	.1665	.1771	.1796	.1750	.1797	.1719	.1773	.1670	.1712
35.				.1634	.1671	.1786	.1845	.1823	.1805	.1694	.1743	.1778	.1709	.1706
50.	.1614	.1747	.1615	.1720	.1696	.1835	.1682	.1786	.1781	.1842	.1742	.1757	.1708	.1734
70.				.1668	.1745	.1857	.1858	.1788	.1788	.1752	.1689	.1710	.1635	.1624
90.	.1719	.1729	.1645	.1705	.1755	.1812	.1820	.1790	.1801	.1750	.1703	.1734	.1657	.1666
110.					.1773	.1805	.1787	.1781	.1794	.1734	.1713	.1763	.1745	.1708
130.				.1860	.1817	.1837	.1861	.1829	.1853	.1816	.1785	.1824	.1802	.1813
145.	.2002	.1944	.1938	.2086	.2062	.2039	.2050	.2019	.2006	.2004	.1983	.2045	.1970	.1942
160.				.2344	.2354	.2368	.2342	.2340	.2316	.2301	.2276	.2331	.2254	.2266
180.	.2473	.2611	.2752	.2675	.2711	.2714	.2691	.2701	.2703	.2724	.2725	.2682	.2695	.2638
200.				.3088	.3107	.3120	.3095	.3083	.3107	.3120	.3125	.3116	.3015	.3085
215.	.3283	.3335	.3231	.3422	.3443	.3401	.3451	.3419	.3452	.3456	.3447	.3465	.3432	.3415
230.				.3627	.3628	.3645	.3667	.3672	.3674	.3695	.3669	.3670	.3664	.3673
250.					.3633	.3668	.3660	.3685	.3691	.3674	.3655	.3690	.3695	.3629
270.	.3584	.3587	.3535	.3536	.3603	.3688	.3691	.3651	.3654	.3620	.3638	.3637	.3583	.3574
290.				.3513	.3603	.3718	.3701	.3646	.3640	.3568	.3586	.3605	.3519	.3503
310.	.3501	.3621	.3611	.3596	.3602	.3753	.3719	.3641	.3665	.3657	.3618	.3679	.3638	.3632
325.				.3674	.3687	.3784	.3752	.3736	.3738	.3559	.3632	.3754	.3733	.3698
340.		.3814	.3586	.3751	.3775	.3777	.3890	.3841	.3744	.3859	.3767	.3788	.3796	.3801
350.				.3770	.3609	.3775	.3842	.3858	.3830	.3763	.3820	.3831	.3832	.3751
							FOR ALPHA = -1.65 DEG							
0.	.3092	.2758	.2982	.3031	.3103	.3112	.3119	.3156	.3188	.3183	.3161	.3133	.3111	.3102
10.				.2158	.2066	.2277	.2280	.2333	.2293	.2258	.2259	.2220	.2204	.2186
20.		.1910	.1675	.1681	.1654	.1604	.1708	.1744	.1697	.1740	.1664	.1702	.1627	.1637
35.				.1626	.1638	.1742	.1787	.1776	.1764	.1629	.1702	.1722	.1665	.1666
50.	.1590	.1729	.1591	.1676	.1668	.1805	.1830	.1748	.1738	.1779	.1698	.1709	.1655	.1680
70.				.1635	.1716	.1813	.1819	.1755	.1750	.1711	.1647	.1663	.1589	.1575
90.	.1699	.1709	.1635	.1676	.1727	.1778	.1797	.1753	.1751	.1726	.1676	.1689	.1627	.1620
110.					.1749	.1769	.1758	.1770	.1761	.1718	.1676	.1724	.1699	.1708
130.				.1847	.1818	.1836	.1843	.1827	.1846	.1819	.1780	.1799	.1812	.1824
145.	.2086	.2002	.1982	.2154	.2127	.2097	.2102	.2081	.2070	.2066	.2029	.2036	.2073	.2005
160.				.2462	.2480	.2504	.2468	.2483	.2459	.2435	.2407	.2410	.2394	.2410
180.	.2632	.2797	.2925	.2853	.2892	.2893	.2891	.2906	.2888	.2887	.2897	.2861	.2861	.2821
200.				.3278	.3309	.3315	.3298	.3310	.3300	.3318	.3321	.3297	.3221	.3288
215.	.3445	.3498	.3404	.3591	.3619	.3571	.3632	.3599	.3600	.3610	.3628	.3627	.3593	.3581
230.				.3736	.3729	.3755	.3760	.3775	.3770	.3765	.3755	.3739	.3768	.3766
250.					.3631	.3676	.3663	.3689	.3677	.3669	.3640	.3666	.3681	.3634
270.	.3540	.3541	.3590	.3505	.3569	.3646	.3631	.3621	.3613	.3553	.3571	.3594	.3533	.3517
290.				.3440	.3555	.3634	.3628	.3577	.3588	.3502	.3494	.3528	.3441	.3414
310.	.3416	.3558	.3523	.3517	.3499	.3649	.3640	.3560	.3580	.3568	.3523	.3598	.3543	.3533
325.				.3584	.3583	.3667	.3641	.3616	.3631	.3446	.3509	.3641	.3609	.3582
340.		.3647	.3442	.3601	.3614	.3637	.3757	.3695	.3588	.3705	.3622	.3621	.3639	.3632
350.				.3581	.3418	.3572	.3647	.3669	.3637	.3558	.3641	.3610	.3613	.3519
							FOR ALPHA = -.65 DEG							
0.	.2910	.2592	.2792	.2846	.2907	.2914	.2926	.2968	.2978	.2982	.2962	.2954	.2918	.2909
10.				.2029	.1977	.2141	.2173	.2195	.2179	.2144	.2140	.2119	.2094	.2080
20.		.1831	.1620	.1638	.1608	.1559	.1674	.1698	.1629	.1695	.1621	.1675	.1576	.1580
35.				.1619	.1624	.1705	.1754	.1719	.1712	.1590	.1663	.1694	.1615	.1635
50.	.1581	.1697	.1561	.1655	.1642	.1779	.1788	.1697	.1703	.1722	.1666	.1671	.1615	.1631
70.				.1633	.1690	.1772	.1787	.1714	.1726	.1684	.1620	.1645	.1540	.1524
90.	.1680	.1670	.1604	.1675	.1704	.1763	.1768	.1725	.1725	.1705	.1657	.1676	.1581	.1590
110.					.1701	.1738	.1743	.1750	.1751	.1709	.1647	.1699	.1667	.1676
130.				.1833	.1793	.1811	.1849	.1823	.1846	.1822	.1773	.1793	.1767	.1850
145.	.2192	.2051	.2048	.2219	.2181	.2164	.2163	.2154	.2145	.2127	.2087	.2107	.2100	.2118
160.				.2598	.2623	.2637	.2622	.2620	.2614	.2578	.2539	.2543	.2493	.2595
180.	.2831	.2977	.3116	.3038	.3078	.3074	.3084	.3104	.3088	.3077	.3076	.3043	.3062	.2999
200.				.3495	.3515	.3535	.3502	.3524	.3515	.3506	.3518	.3496	.3424	.3481
215.	.3630	.3652	.3621	.3764	.3784	.3750	.3787	.3774	.3771	.3761	.3789	.3791	.3776	.3755
230.				.3828	.3825	.3851	.3837	.3873	.3842	.3834	.3845	.3815	.3851	.3862
250.					.3640	.3686	.3665	.3704	.3680	.3620	.3646	.3682	.3657	.3637
270.	.3504	.3476	.3566	.3469	.3522	.3613	.3598	.3577	.3573	.3501	.3532	.3543	.3479	.3466
290.				.3384	.3468	.3579	.3589	.3502	.3530	.3435	.3417	.3462	.3381	.3347
310.	.3330	.3493	.3315	.3434	.3417	.3578	.3555	.3477	.3507	.3489	.3427	.3496	.3444	.3445
325.				.3498	.3479	.3565	.3543	.3524	.3535	.3331	.3430	.3519	.3480	.3482
340.		.3501	.3298	.3451	.3480	.3474	.3601	.3547	.3442	.3544	.3480	.3449	.3457	.3475
350.				.3390	.3227	.3372	.3457	.3463	.3446	.3369	.3440	.3423	.3416	.3336

TABLE VI. - CONTINUED

(D) MACH = 1.70, BETA = 5.04 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.65 DEG								
0.	.3770	.3752	.3773	.3838	.3816	.3817	.3800	.3836	.3829	.3815	.3831	.3945	.3958	0.
10.	.2678	.2685	.2749	.2822	.2787	.2754	.2765	.2732	.2696	.2826	.2875	.2847	.2864	10.
20.	.1849	.1938	.1975	.2102	.2094	.2219	.2068	.2072	.2081	.2221	.2070	.2071	.2338	20.
35.	.1879	.1910	.1928	.2012	.1879	.1949	.1935	.1928	.1950	.1837	.1771	.1885	.1943	35.
50.	.1845	.1883	.1814	.1965	.1876	.1938	.1968	.2005	.1895	.1815	.1726	.1853	.1873	50.
70.	.1755	.1764	.1691	.1853	.1864	.1892	.1974	.1863	.1829	.1803	.1741	.1757	.1812	70.
90.	.1715	.1723	.1665	.1860	.1873	.1891	.1898	.1804	.1797	.1777	.1726	.1715	.1732	90.
110.	.1714	.1683	.1685	.1862	.1787	.1856	.1832	.1775	.1800	.1813	.1717	.1751	.1699	110.
130.	.1686	.1747	.1677	.1919	.1891	.1928	.1816	.1813	.1643	.1820	.1821	.1820	.1756	130.
145.	.1798	.1759	.1796	.1927	.1926	.1895	.1945	.1874	.1312	.1895	.1940	.1992	.1980	145.
160.	.1976	.2003	.2000	.2153	.2116	.2089	.2154	.2092	.2137	.2083	.2106	.2154	.2166	160.
180.	.2286	.2239	.2261	.2359	.2387	.2420	.2414	.2358	.2379	.2392	.2415	.2460	.2371	180.
200.	.2653	.2657	.2679	.2812	.2779	.2769	.2783	.2780	.2740	.2766	.2782	.2830	.2819	200.
215.	.3012	.2981	.3093	.3178	.3084	.3100	.3114	.3141	.1681	.3160	.3165	.3183	.3131	215.
230.	.3326	.3507	.3434	.3576	.3563	.3519	.3482	.3512	.3515	.3565	.3545	.3457	.3368	230.
250.	.3606	.3640	.3672	.3672	.3634	.3648	.3687	.3657	.3648	.3699	.3709	.3705	.3588	250.
270.	.3611	.3675	.3679	.3744	.3708	.3673	.3764	.3739	.3676	.3641	.3657	.3661	.3731	270.
290.	.3672	.3698	.3679	.3729	.3716	.3739	.3770	.3773	.3740	.3704	.3672	.3713	.3798	290.
310.	.3792	.3779	.3790	.3839	.3809	.3851	.3872	.3875	.3838	.3759	.3730	.3862	.3851	310.
325.	.3959	.3919	.3986	.3986	.3875	.4039	.3980	.3931	.3957	.3911	.3877	.4026	.4126	325.
340.	.4122	.4170	.4142	.4234	.4170	.4320	.4220	.4191	.4161	.4206	.4167	.4233	.4508	340.
350.	.4229	.4246	.4266	.4327	.4291	.4297	.4283	.4301	.4191	.4309	.4326	.4384	.4528	350.
						FOR ALPHA = -2.64 DEG								
0.	.3333	.3306	.3339	.3418	.3373	.3360	.3368	.3397	.3357	.3377	.3379	.3480	.3522	0.
10.	.2378	.2371	.2416	.2510	.2449	.2434	.2430	.2411	.2330	.2476	.2583	.2539	.2573	10.
20.	.1734	.1805	.1783	.1943	.1910	.2042	.1885	.1879	.1951	.2058	.1951	.1906	.2139	20.
35.	.1749	.1774	.1791	.1880	.1781	.1896	.1839	.1813	.1860	.1728	.1695	.1750	.1829	35.
50.	.1727	.1746	.1730	.1881	.1777	.1850	.1850	.1907	.1776	.1683	.1678	.1735	.1740	50.
70.	.1692	.1693	.1666	.1779	.1753	.1825	.1866	.1812	.1727	.1689	.1658	.1641	.1738	70.
90.	.1693	.1664	.1624	.1794	.1793	.1815	.1835	.1748	.1717	.1691	.1678	.1641	.1663	90.
110.	.1691	.1640	.1642	.1782	.1743	.1830	.1766	.1743	.1761	.1777	.1686	.1704	.1669	110.
130.	.1708	.1744	.1712	.1906	.1863	.1907	.1850	.1864	.1866	.1831	.1811	.1805	.1770	130.
145.	.1915	.1850	.1910	.2012	.1979	.2014	.2038	.2042	.1509	.2002	.2003	.2070	.2110	145.
160.	.2210	.2202	.2219	.2349	.2322	.2290	.2368	.2362	.2333	.2319	.2298	.2335	.2419	160.
180.	.2644	.2564	.2591	.2668	.2690	.2735	.2738	.2716	.2720	.2726	.2733	.2768	.2747	180.
200.	.3046	.3049	.3051	.3203	.3156	.3144	.3179	.3193	.3142	.3105	.3215	.3264	.3269	200.
215.	.3380	.3308	.3451	.3490	.3437	.3439	.3449	.3509	.2058	.3516	.3587	.3573	.3537	215.
230.	.3536	.3674	.3651	.3773	.3741	.3700	.3673	.3722	.3735	.3715	.3822	.3739	.3590	230.
250.	.3636	.3618	.3684	.3686	.3650	.3651	.3693	.3685	.3679	.3729	.3664	.3769	.3662	250.
270.	.3543	.3547	.3566	.3661	.3634	.3608	.3677	.3661	.3602	.3580	.3593	.3550	.3619	270.
290.	.3554	.3515	.3541	.3580	.3580	.3626	.3624	.3646	.3616	.3562	.3543	.3582	.3635	290.
310.	.3618	.3600	.3625	.3669	.3625	.3721	.3725	.3718	.3666	.3592	.3583	.3676	.3710	310.
325.	.3745	.3699	.3736	.3776	.3688	.3847	.3768	.3725	.3739	.3700	.3667	.3791	.3912	325.
340.	.3800	.3870	.3842	.3964	.3914	.4016	.3911	.3909	.3870	.3904	.3859	.3914	.4193	340.
350.	.3816	.3847	.3879	.3940	.3903	.3879	.3900	.3914	.3765	.3897	.3916	.3980	.4142	350.
						FOR ALPHA = -1.65 DEG								
0.	.3123	.3101	.3135	.3193	.3161	.3170	.3173	.3173	.3133	.3173	.3192	.3275	.3309	0.
10.	.2238	.2241	.2268	.2379	.2290	.2296	.2301	.2250	.2187	.2320	.2427	.2413	.2433	10.
20.	.1681	.1745	.1725	.1865	.1834	.1953	.1814	.1800	.1884	.1995	.1881	.1842	.2067	20.
35.	.1723	.1717	.1728	.1842	.1721	.1839	.1799	.1787	.1821	.1674	.1651	.1700	.1780	35.
50.	.1680	.1707	.1669	.1841	.1750	.1837	.1823	.1853	.1728	.1641	.1649	.1691	.1682	50.
70.	.1638	.1658	.1637	.1757	.1716	.1801	.1833	.1771	.1688	.1655	.1629	.1615	.1694	70.
90.	.1653	.1640	.1606	.1771	.1763	.1771	.1814	.1723	.1683	.1652	.1639	.1605	.1636	90.
110.	.1690	.1617	.1614	.1764	.1725	.1813	.1741	.1701	.1741	.1758	.1676	.1677	.1643	110.
130.	.1717	.1763	.1703	.1906	.1883	.1863	.1851	.1863	.1887	.1839	.1822	.1808	.1766	130.
145.	.1977	.1906	.1953	.2076	.2018	.2059	.2066	.2126	.1599	.2052	.2072	.2108	.2159	145.
160.	.2354	.2344	.2347	.2469	.2435	.2403	.2480	.2500	.2467	.2458	.2422	.2448	.2536	160.
180.	.2841	.2765	.2776	.2832	.2857	.2904	.2914	.2897	.2902	.2909	.2920	.2947	.2924	180.
200.	.3234	.3235	.3226	.3382	.3338	.3309	.3359	.3373	.3329	.3301	.3366	.3480	.3474	200.
215.	.3554	.3439	.3594	.3647	.3583	.3606	.3579	.3657	.2198	.3643	.3782	.3746	.3719	215.
230.	.3641	.3756	.3744	.3863	.3821	.3781	.3745	.3823	.3821	.3802	.3912	.3851	.3709	230.
250.	.3635	.3620	.3647	.3689	.3636	.3648	.3686	.3665	.3690	.3723	.3670	.3732	.3674	250.
270.	.3498	.3505	.3513	.3596	.3586	.3567	.3635	.3616	.3552	.3523	.3552	.3509	.3559	270.
290.	.3474	.3434	.3480	.3520	.3521	.3570	.3551	.3573	.3552	.3509	.3477	.3511	.3557	290.
310.	.3523	.3509	.3522	.3586	.3546	.3630	.3642	.3620	.3578	.3517	.3477	.3582	.3617	310.
325.	.3614	.3602	.3621	.3690	.3572	.3731	.3664	.3614	.3647	.3560	.3542	.3677	.3790	325.
340.	.3646	.3717	.3686	.3807	.3738	.3864	.3773	.3762	.3694	.3726	.3704	.3761	.4042	340.
350.	.3622	.3656	.3669	.3749	.3680	.3679	.3709	.3698	.3562	.3680	.3712	.3790	.3929	350.
						FOR ALPHA = -.65 DEG								
0.	.2939	.2901	.2926	.3000	.2961	.2991	.2965	.2965	.2948	.2981	.3005	.3064	.3105	0.
10.	.2138	.2115	.2154	.2254	.2167	.2198	.2183	.2134	.2059	.2220	.2318	.2307	.2324	10.
20.	.1639	.1697	.1700	.1823	.1771	.1901	.1754	.1766	.1809	.1943	.1824	.1792	.2040	20.
35.	.1693	.1675	.1696	.1798	.1665	.1796	.1759	.1785	.1784	.1638	.1607	.1659	.1758	35.
50.	.1645	.1674	.1641	.1789	.1720	.1807	.1811	.1830	.1688	.1607	.1619	.1654	.1654	50.
70.	.1611	.1618	.1609	.1736	.1683	.1788	.1801	.1738	.1646	.1617	.1604	.1577	.1654	70.
90.	.1609	.1623	.1595	.1740	.1730	.1733	.1792	.1704	.1644	.1617	.1604	.1577	.1610	90.
110.	.1689	.1606	.1607	.1720	.1709	.1800	.1726	.1682	.1701	.1740	.1663	.1659	.1623	110.
130.	.1733	.1784	.1712	.1895	.1905	.1848	.1855	.1866	.1891	.1852	.1825	.1820	.1778	130.
145.	.2063	.1976	.2030	.2118	.2080	.2115	.2106	.2221	.1690	.2125	.2153	.2165	.2223	145.
160.	.2510	.2508	.2499	.2601	.2584	.2541	.2617	.2646	.2606	.2622	.2569	.2598	.2671	160.
180.	.3042	.2965	.2990	.3024	.3038	.3083	.3096	.3096	.3102	.3104	.3113	.3142	.3123	180.
200.	.3458	.3436	.3422	.3575	.3553	.3523	.3544	.3555	.3536	.3518	.3571	.3693	.3680	200.
215.	.3735	.3628	.3775	.3827	.3737	.3756	.3764	.3812	.2327	.3820	.3932	.3957	.3908	215.
230.	.3736	.3857	.3814	.3938	.3893	.3849	.3837	.3901	.3906	.3879	.3956	.3977	.3809	230.
250.	.3618	.3596	.3628	.3669	.3635	.3629	.3684	.3661	.3672	.3724	.3653	.3693	.3683	250.
270.	.3443	.3434	.3460	.3548	.3558	.3534	.3582	.3571	.3516	.3483	.3508	.3454	.3500	270.
290.	.3392	.3394	.3407	.3452	.3461	.3513	.3513	.3505	.3479	.3446	.3419	.3455	.3481	290.
310.	.3432	.3428	.3438	.3499	.3488	.3559	.3564	.3538	.3494	.3439	.3391	.3509	.3527	310.
325.	.3517	.3499	.3499	.3572	.3485	.3640	.3567	.3510	.3515	.3456	.3446	.3585	.3680	325.
340.	.3505	.3558	.3534	.3660	.3595	.3710	.3626	.3595	.3541	.3586	.3548	.3595	.3877	340.
350.	.3426	.3462	.3489	.3560	.3492	.3511	.3511	.3497	.3374	.3493	.3525	.3595	.3739	350.

TABLE VI. - CONTINUED

(D) MACH = 1.70, BETA = 5.04 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = .35 DEG								
0.	.2740	.2426	.2628	.2663	.2719	.2731	.2751	.2797	.2805	.2799	.2774	.2769	.2737	.2725
10.				.1942	.1843	.2020	.2045	.2105	.2070	.2032	.2028	.1985	.1975	.1985
20.		.1780	.1572	.1595	.1575	.1530	.1657	.1655	.1594	.1648	.1555	.1619	.1544	.1548
35.				.1577	.1606	.1690	.1725	.1694	.1689	.1547	.1615	.1650	.1583	.1598
50.	.1563	.1689	.1559	.1628	.1613	.1749	.1756	.1670	.1671	.1691	.1638	.1649	.1568	.1592
70.				.1600	.1663	.1744	.1747	.1691	.1681	.1652	.1602	.1616	.1509	.1501
90.	.1648	.1655	.1526	.1656	.1676	.1725	.1741	.1712	.1691	.1665	.1632	.1648	.1549	.1550
110.					.1665	.1703	.1707	.1728	.1707	.1687	.1620	.1659	.1632	.1628
130.				.1786	.1785	.1811	.1835	.1805	.1621	.1838	.1752	.1778	.1755	.1834
145.	.2294	.2125	.2142	.2279	.2260	.2234	.2241	.2233	.2231	.2212	.2155	.2164	.2143	.2176
160.				.2735	.2775	.2790	.2768	.2790	.2770	.2749	.2689	.2685	.2619	.2727
180.	.3022	.3165	.3308	.3236	.3279	.3271	.3300	.3322	.3297	.3286	.3270	.3239	.3260	.3193
200.				.3703	.3733	.3732	.3731	.3738	.3731	.3699	.3705	.3698	.3621	.3700
215.	.3800	.3812	.3792	.3936	.3947	.3926	.3969	.3954	.3945	.3926	.3968	.3950	.3937	.3924
230.				.3944	.3909	.3912	.3920	.3948	.3940	.3899	.3915	.3909	.3922	.3946
250.					.3631	.3680	.3644	.3692	.3695	.3612	.3625	.3669	.3648	.3631
270.	.3451	.3432	.3486	.3430	.3488	.3553	.3570	.3533	.3541	.3440	.3465	.3493	.3426	.3398
290.				.3323	.3402	.3512	.3521	.3446	.3469	.3379	.3365	.3405	.3317	.3270
310.	.3277	.3416	.3332	.3352	.3321	.3487	.3475	.3399	.3412	.3412	.3352	.3402	.3353	.3369
325.				.3394	.3387	.3471	.3460	.3451	.3417	.3244	.3342	.3411	.3384	.3368
340.		.3372	.3135	.3289	.3338	.3323	.3459	.3405	.3307	.3405	.3341	.3305	.3292	.3335
350.				.3210	.3054	.3193	.3270	.3293	.3249	.3178	.3244	.3243	.3212	.3155
						FOR ALPHA = 1.34 DEG								
0.	.2560	.2280	.2459	.2483	.2530	.2547	.2578	.2612	.2615	.2603	.2597	.2588	.2545	.2557
10.				.1820	.1742	.1925	.1950	.1978	.1965	.1905	.1902	.1886	.1871	.1860
20.		.1723	.1512	.1536	.1522	.1495	.1591	.1623	.1550	.1599	.1511	.1572	.1491	.1513
35.				.1548	.1545	.1656	.1671	.1656	.1636	.1498	.1579	.1616	.1534	.1562
50.	.1531	.1659	.1444	.1593	.1572	.1699	.1714	.1626	.1621	.1636	.1595	.1590	.1528	.1562
70.				.1571	.1611	.1703	.1712	.1653	.1631	.1592	.1560	.1562	.1472	.1455
90.	.1610	.1618	.1454	.1615	.1628	.1684	.1689	.1661	.1646	.1617	.1586	.1604	.1499	.1507
110.					.1628	.1667	.1662	.1683	.1670	.1634	.1581	.1617	.1582	.1583
130.				.1774	.1747	.1765	.1807	.1784	.1793	.1805	.1738	.1734	.1708	.1785
145.	.2383	.2191	.2241	.2353	.2300	.2310	.2295	.2294	.2266	.2274	.2226	.2210	.2198	.2213
160.				.2873	.2915	.2943	.2919	.2933	.2916	.2892	.2839	.2827	.2759	.2845
180.	.3207	.3366	.3502	.3438	.3487	.3473	.3488	.3520	.3497	.3490	.3472	.3449	.3458	.3398
200.				.3891	.3949	.3929	.3916	.3927	.3926	.3909	.3908	.3908	.3828	.3910
215.	.3958	.3969	.3967	.4113	.4116	.4097	.4130	.4106	.4100	.4082	.4119	.4120	.4102	.4084
230.				.3989	.3968	.3986	.3978	.4004	.4003	.3958	.3977	.3965	.3980	.4013
250.					.3606	.3641	.3637	.3665	.3663	.3577	.3607	.3633	.3618	.3605
270.	.3418	.3370	.3390	.3369	.3427	.3490	.3503	.3467	.3467	.3403	.3398	.3451	.3371	.3337
290.				.3248	.3328	.3447	.3443	.3367	.3375	.3307	.3297	.3305	.3230	.3205
310.	.3179	.3316	.3249	.3262	.3250	.3390	.3400	.3311	.3308	.3313	.3280	.3298	.3245	.3265
325.				.3283	.3267	.3360	.3326	.3322	.3292	.3103	.3241	.3293	.3251	.3246
340.		.3215	.2988	.3125	.3168	.3183	.3299	.3234	.3134	.3233	.3183	.3145	.3142	.3195
350.				.3014	.2855	.3000	.3080	.3076	.3044	.2966	.3063	.3060	.3025	.2953
						FOR ALPHA = 2.35 DEG								
0.	.2399	.2133	.2292	.2306	.2359	.2379	.2409	.2432	.2450	.2434	.2434	.2427	.2370	.2383
10.				.1724	.1637	.1817	.1848	.1886	.1852	.1817	.1809	.1789	.1775	.1748
20.		.1669	.1440	.1478	.1478	.1455	.1545	.1581	.1504	.1553	.1473	.1536	.1438	.1469
35.				.1524	.1513	.1620	.1636	.1617	.1592	.1451	.1527	.1574	.1507	.1518
50.	.1513	.1640	.1373	.1562	.1538	.1658	.1674	.1596	.1571	.1590	.1545	.1538	.1491	.1522
70.				.1543	.1566	.1659	.1678	.1604	.1588	.1555	.1522	.1529	.1434	.1428
90.	.1570	.1570	.1447	.1560	.1598	.1633	.1665	.1628	.1593	.1568	.1537	.1562	.1467	.1457
110.					.1572	.1609	.1615	.1638	.1632	.1573	.1528	.1576	.1515	.1537
130.				.1754	.1709	.1730	.1766	.1738	.1766	.1780	.1707	.1725	.1681	.1760
145.	.2477	.2274	.2323	.2456	.2381	.2371	.2355	.2359	.2346	.2325	.2288	.2281	.2256	.2276
160.				.3053	.3072	.3106	.3090	.3091	.3092	.3066	.2998	.2988	.2903	.2990
180.	.3406	.3581	.3722	.3655	.3698	.3685	.3694	.3741	.3728	.3713	.3687	.3663	.3679	.3625
200.				.4125	.4155	.4157	.4140	.4145	.4166	.4119	.4133	.4119	.4050	.4115
215.	.4146	.4126	.4130	.4283	.4272	.4253	.4313	.4249	.4282	.4241	.4290	.4284	.4275	.4240
230.				.4072	.4006	.4048	.4043	.4050	.4085	.4013	.4030	.4034	.4035	.4078
250.					.3581	.3638	.3606	.3656	.3656	.3572	.3544	.3620	.3593	.3571
270.	.3367	.3312	.3343	.3319	.3355	.3440	.3445	.3422	.3399	.3346	.3352	.3388	.3307	.3270
290.				.3188	.3267	.3346	.3384	.3296	.3299	.3248	.3238	.3236	.3146	.3133
310.	.3069	.3213	.3170	.3170	.3160	.3299	.3313	.3224	.3232	.3255	.3202	.3220	.3153	.3193
325.				.3172	.3160	.3251	.3227	.3208	.3201	.3023	.3123	.3188	.3127	.3145
340.		.3070	.2855	.2971	.3037	.3044	.3145	.3084	.2996	.3089	.3038	.2999	.2996	.3028
350.				.2832	.2683	.2812	.2891	.2891	.2863	.2796	.2896	.2893	.2852	.2784
						FOR ALPHA = 3.34 DEG								
0.	.2245	.1987	.2122	.2146	.2190	.2214	.2227	.2246	.2275	.2268	.2269	.2256	.2197	.2215
10.				.1641	.1546	.1712	.1737	.1753	.1764	.1681	.1714	.1705	.1663	.1637
20.		.1613	.1372	.1445	.1440	.1411	.1520	.1529	.1450	.1463	.1431	.1476	.1383	.1443
35.				.1490	.1481	.1564	.1596	.1567	.1531	.1396	.1476	.1520	.1445	.1484
50.	.1488	.1600	.1322	.1517	.1489	.1607	.1628	.1531	.1517	.1554	.1499	.1507	.1447	.1475
70.				.1484	.1523	.1625	.1622	.1541	.1523	.1501	.1471	.1483	.1401	.1389
90.	.1520	.1512	.1402	.1480	.1532	.1589	.1602	.1560	.1528	.1506	.1478	.1513	.1414	.1416
110.					.1503	.1555	.1542	.1564	.1545	.1501	.1479	.1505	.1446	.1472
130.				.1713	.1664	.1681	.1717	.1683	.1698	.1708	.1669	.1670	.1650	.1719
145.	.2591	.2341	.2417	.2529	.2420	.2442	.2410	.2405	.2395	.2376	.2334	.2319	.2329	.2319
160.				.3214	.3221	.3280	.3222	.3229	.3238	.3198	.3158	.3138	.3077	.3134
180.	.3612	.3793	.3929	.3858	.3907	.3890	.3913	.3948	.3935	.3926	.3889	.3864	.3880	.3820
200.				.4347	.4378	.4359	.4354	.4353	.4369	.4343	.4342	.4338	.4245	.4321
215.	.4313	.4281	.4318	.4445	.4429	.4403	.4449	.4407	.4431	.4400	.4448	.4441	.4401	.4397
230.				.4117	.4063	.4085	.4099	.4089	.4143	.4070	.4086	.4076	.4080	.4136
250.					.3546	.3584	.3567	.3612	.3623	.3528	.3528	.3579	.3566	.3524
270.	.3303	.3265	.3304	.3259	.3250	.3360	.3373	.3345	.3332	.3296	.3286	.3315	.3245	.3198
290.				.3103	.3164	.3277	.3305	.3228	.3225	.3192	.3179	.3162	.3084	.3056
310.	.2945	.3116	.3117	.3071	.3062	.3214	.3219	.3130	.3143	.3170	.3118	.3097	.3068	.3093
325.				.3060	.3049	.3147	.3107	.3097	.3078	.2913	.3025	.3078	.3031	.3043
340.		.2912	.2716	.2816	.2888	.2888	.2969	.2924	.2822	.2936	.2899	.2845	.2829	.2887
350.				.2640	.2505	.2637	.2701	.2705	.2673	.2619	.2729	.2701	.2651	.2640

TABLE VI. - CONTINUED

(D) MACH = 1.70, BETA = 5.04 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = .35 DEG								
0.	.2761	.2727	.2747	.2820	.2787	.2819	.2772	.2785	.2773	.2808	.2831	.2890	.2933	0.
10.	.2024	.2007	.2033	.2144	.2059	.2097	.2063	.2009	.1963	.2116	.2216	.2181	.2191	10.
20.	.1587	.1658	.1626	.1762	.1725	.1841	.1700	.1685	.1748	.1888	.1761	.1749	.1956	20.
35.	.1656	.1647	.1648	.1762	.1631	.1743	.1737	.1756	.1745	.1609	.1567	.1627	.1726	35.
50.	.1607	.1620	.1596	.1759	.1673	.1790	.1774	.1795	.1647	.1571	.1584	.1598	.1619	50.
70.	.1573	.1577	.1559	.1706	.1656	.1764	.1773	.1683	.1605	.1586	.1576	.1542	.1602	70.
90.	.1575	.1594	.1583	.1724	.1713	.1722	.1767	.1682	.1621	.1593	.1576	.1551	.1593	90.
110.	.1663	.1601	.1592	.1703	.1677	.1776	.1712	.1655	.1670	.1708	.1640	.1646	.1588	110.
130.	.1741	.1788	.1703	.1883	.1888	.1850	.1850	.1838	.1890	.1855	.1823	.1824	.1764	130.
145.	.2145	.2050	.2102	.2191	.2151	.2178	.2163	.2282	.1777	.2199	.2226	.2252	.2280	145.
160.	.2693	.2651	.2653	.2747	.2700	.2697	.2738	.2781	.2745	.2773	.2742	.2731	.2798	160.
180.	.3257	.3176	.3201	.3225	.3238	.3286	.3284	.3287	.3301	.3316	.3332	.3347	.3317	180.
200.	.3650	.3659	.3642	.3776	.3744	.3697	.3759	.3767	.3741	.3719	.3763	.3910	.3920	200.
215.	.3908	.3790	.3933	.3981	.3881	.3916	.3923	.3973	.2457	.3971	.4072	.4137	.4095	215.
230.	.3806	.3930	.3870	.4011	.3966	.3915	.3900	.3965	.3994	.3953	.4012	.4077	.3902	230.
250.	.3616	.3586	.3619	.3643	.3622	.3630	.3680	.3663	.3652	.3710	.3650	.3673	.3677	250.
270.	.3387	.3369	.3408	.3516	.3506	.3492	.3533	.3529	.3482	.3436	.3459	.3402	.3445	270.
290.	.3335	.3326	.3346	.3399	.3416	.3457	.3453	.3444	.3431	.3395	.3359	.3387	.3417	290.
310.	.3343	.3351	.3366	.3442	.3407	.3498	.3485	.3468	.3435	.3349	.3324	.3427	.3454	310.
325.	.3425	.3393	.3406	.3483	.3396	.3542	.3478	.3413	.3410	.3361	.3346	.3489	.3572	325.
340.	.3354	.3405	.3396	.3495	.3453	.3572	.3483	.3440	.3382	.3447	.3402	.3457	.3728	340.
350.	.3253	.3285	.3294	.3368	.3318	.3342	.3325	.3309	.3193	.3318	.3354	.3421	.3556	350.
						FOR ALPHA = 1.34 DEG								
0.	.2579	.2550	.2541	.2622	.2623	.2619	.2592	.2598	.2584	.2638	.2642	.2724	.2744	0.
10.	.1896	.1885	.1919	.2009	.1966	.1967	.1938	.1897	.1846	.2016	.2114	.2045	.2068	10.
20.	.1545	.1608	.1574	.1708	.1660	.1774	.1628	.1657	.1709	.1786	.1691	.1696	.1891	20.
35.	.1605	.1601	.1605	.1713	.1582	.1701	.1695	.1743	.1694	.1562	.1531	.1582	.1692	35.
50.	.1573	.1581	.1557	.1712	.1624	.1747	.1746	.1755	.1599	.1541	.1525	.1547	.1588	50.
70.	.1534	.1547	.1527	.1676	.1642	.1739	.1743	.1639	.1571	.1558	.1548	.1500	.1556	70.
90.	.1535	.1545	.1531	.1692	.1677	.1686	.1730	.1626	.1586	.1547	.1526	.1506	.1539	90.
110.	.1598	.1566	.1549	.1646	.1633	.1705	.1673	.1603	.1612	.1661	.1584	.1594	.1529	110.
130.	.1739	.1769	.1684	.1867	.1873	.1827	.1818	.1807	.1867	.1843	.1803	.1791	.1752	130.
145.	.2213	.2113	.2166	.2240	.2198	.2224	.2201	.2335	.1883	.2258	.2283	.2309	.2330	145.
160.	.2876	.2808	.2812	.2907	.2849	.2832	.2877	.2920	.2892	.2935	.2895	.2873	.2948	160.
180.	.3443	.3400	.3409	.3430	.3431	.3475	.3482	.3476	.3498	.3513	.3536	.3563	.3510	180.
200.	.3857	.3879	.3845	.3984	.3946	.3895	.3966	.3946	.3942	.3920	.3979	.4106	.4118	200.
215.	.4040	.3963	.4074	.4137	.4039	.4037	.4083	.4112	.2619	.4122	.4189	.4321	.4259	215.
230.	.3894	.4003	.3950	.4074	.4021	.3992	.3954	.4052	.4066	.4010	.4093	.4151	.3996	230.
250.	.3587	.3559	.3567	.3616	.3604	.3600	.3654	.3611	.3633	.3699	.3619	.3640	.3615	250.
270.	.3313	.3341	.3339	.3452	.3456	.3432	.3499	.3464	.3415	.3381	.3401	.3354	.3378	270.
290.	.3243	.3265	.3272	.3336	.3346	.3406	.3382	.3372	.3355	.3320	.3304	.3312	.3337	290.
310.	.3271	.3262	.3270	.3356	.3314	.3401	.3399	.3379	.3348	.3246	.3223	.3342	.3356	310.
325.	.3299	.3277	.3306	.3375	.3298	.3429	.3369	.3303	.3293	.3263	.3232	.3379	.3450	325.
340.	.3208	.3247	.3259	.3345	.3292	.3431	.3312	.3291	.3248	.3282	.3251	.3300	.3579	340.
350.	.3075	.3097	.3079	.3189	.3144	.3138	.3120	.3099	.3012	.3138	.3167	.3237	.3343	350.
						FOR ALPHA = 2.35 DEG								
0.	.2406	.2362	.2351	.2463	.2448	.2426	.2417	.2424	.2411	.2465	.2460	.2552	.2565	0.
10.	.1812	.1775	.1787	.1902	.1860	.1859	.1832	.1786	.1752	.1916	.2019	.1920	.1935	10.
20.	.1501	.1538	.1517	.1657	.1608	.1723	.1560	.1636	.1687	.1710	.1631	.1627	.1832	20.
35.	.1587	.1570	.1562	.1658	.1529	.1670	.1682	.1711	.1624	.1509	.1496	.1567	.1653	35.
50.	.1535	.1545	.1518	.1672	.1572	.1736	.1749	.1692	.1557	.1504	.1480	.1512	.1556	50.
70.	.1493	.1495	.1484	.1636	.1620	.1704	.1690	.1587	.1537	.1528	.1507	.1444	.1516	70.
90.	.1482	.1491	.1474	.1652	.1643	.1668	.1668	.1576	.1539	.1509	.1478	.1462	.1488	90.
110.	.1546	.1525	.1511	.1609	.1569	.1661	.1623	.1561	.1560	.1598	.1529	.1542	.1480	110.
130.	.1716	.1743	.1667	.1830	.1850	.1818	.1779	.1769	.1821	.1826	.1784	.1766	.1733	130.
145.	.2280	.2184	.2252	.2312	.2262	.2281	.2258	.2407	.1999	.2333	.2344	.2377	.2408	145.
160.	.3045	.2990	.2996	.3060	.3022	.2986	.3045	.3087	.3035	.3107	.3065	.3043	.3127	160.
180.	.3660	.3626	.3642	.3652	.3642	.3680	.3694	.3693	.3713	.3725	.3762	.3786	.3734	180.
200.	.4076	.4083	.4074	.4216	.4148	.4099	.4167	.4164	.4171	.4131	.4199	.4296	.4344	200.
215.	.4206	.4107	.4254	.4281	.4203	.4204	.4215	.4292	.2807	.4290	.4362	.4476	.4448	215.
230.	.3948	.4089	.4013	.4129	.4091	.4040	.4027	.4120	.4127	.4083	.4140	.4227	.4076	230.
250.	.3560	.3543	.3546	.3587	.3566	.3578	.3631	.3602	.3613	.3658	.3589	.3612	.3585	250.
270.	.3267	.3283	.3282	.3391	.3400	.3404	.3440	.3425	.3351	.3324	.3358	.3282	.3335	270.
290.	.3179	.3189	.3208	.3282	.3305	.3335	.3298	.3328	.3290	.3261	.3227	.3229	.3283	290.
310.	.3180	.3175	.3196	.3272	.3241	.3322	.3317	.3302	.3248	.3165	.3143	.3256	.3270	310.
325.	.3188	.3181	.3214	.3273	.3168	.3341	.3272	.3185	.3188	.3128	.3131	.3284	.3330	325.
340.	.3064	.3108	.3095	.3198	.3153	.3288	.3160	.3127	.3103	.3136	.3112	.3164	.3417	340.
350.	.2910	.2908	.2913	.3012	.2964	.2958	.2943	.2944	.2824	.2964	.3004	.3060	.3169	350.
						FOR ALPHA = 3.34 DEG								
0.	.2228	.2174	.2171	.2315	.2266	.2270	.2239	.2250	.2255	.2295	.2325	.2382	.2368	0.
10.	.1700	.1656	.1698	.1796	.1748	.1749	.1717	.1709	.1662	.1837	.1895	.1768	.1850	10.
20.	.1445	.1472	.1458	.1598	.1543	.1650	.1489	.1601	.1629	.1611	.1567	.1555	.1768	20.
35.	.1527	.1524	.1513	.1599	.1485	.1633	.1637	.1652	.1536	.1473	.1451	.1535	.1604	35.
50.	.1478	.1494	.1462	.1601	.1519	.1681	.1710	.1608	.1501	.1452	.1417	.1466	.1504	50.
70.	.1448	.1451	.1435	.1584	.1598	.1658	.1611	.1516	.1495	.1488	.1440	.1393	.1460	70.
90.	.1436	.1440	.1435	.1617	.1597	.1640	.1597	.1532	.1493	.1460	.1429	.1413	.1442	90.
110.	.1480	.1454	.1447	.1543	.1509	.1584	.1542	.1489	.1484	.1541	.1456	.1459	.1406	110.
130.	.1659	.1704	.1633	.1797	.1815	.1775	.1723	.1722	.1778	.1790	.1738	.1725	.1704	130.
145.	.2340	.2256	.2290	.2378	.2307	.2333	.2323	.2442	.2097	.2384	.2405	.2438	.2452	145.
160.	.3174	.3167	.3130	.3234	.3167	.3122	.3209	.3212	.3212	.3254	.3209	.3205	.3263	160.
180.	.3881	.3834	.3859	.3860	.3852	.3892	.3897	.3897	.3917	.3934	.3982	.3995	.3936	180.
200.	.4289	.4295	.4302	.4406	.4365	.4314	.4381	.4382	.4360	.4361	.4423	.4527	.4565	200.
215.	.4342	.4279	.4394	.4431	.4373	.4349	.4387	.4437	.2981	.4455	.4512	.4663	.4607	215.
230.	.4005	.4141	.4052	.4198	.4136	.4104	.4069	.4166	.4195	.4136	.4206	.4268	.4119	230.
250.	.3530	.3527	.3508	.3555	.3526	.3549	.3607	.3572	.3576	.3609	.3553	.3579	.3551	250.
270.	.3190	.3240	.3188	.3356	.3345	.3338	.3387	.3334	.3308	.3267	.3290	.3208	.3236	270.
290.	.3110	.3131	.3135	.3228	.3235	.3264	.3224	.3258	.3229	.3184	.3164	.3148	.3207	290.
310.	.3081	.3095	.3109	.3207	.3156	.3224	.3232	.3213	.3160	.3082	.3044	.3161	.3170	310.
325.	.3072	.3077	.3099	.3152	.3076	.3238	.3141	.3063	.3066	.3026	.3023	.3159	.3199	325.
340.	.2916	.2934	.2940	.3046	.3013	.3134	.3000	.2966	.2956	.2990	.2968	.3031	.3234	340.
350.	.2714	.2707	.2745	.2846	.2777	.2773	.2760	.2769	.2649	.2803	.2834	.2865	.2982	350.

TABLE VI. - CONTINUED

(D) MACH = 1.70, BETA = 5.04 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 5.35 DEG								
0.	.1933	.1718	.1829	.1856	.1885	.1905	.1916	.1950	.1960	.1975	.1965	.1950	.1900	.1878
10.				.1478	.1380	.1527	.1569	.1600	.1573	.1482	.1540	.1540	.1476	.1434
20.		.1512	.1286	.1349	.1341	.1340	.1466	.1440	.1336	.1390	.1374	.1373	.1309	.1329
35.				.1427	.1416	.1491	.1515	.1467	.1419	.1342	.1385	.1429	.1385	.1409
50.	.1388	.1512	.1259	.1449	.1407	.1521	.1546	.1435	.1418	.1454	.1407	.1432	.1370	.1412
70.				.1397	.1435	.1521	.1544	.1441	.1440	.1405	.1380	.1396	.1316	.1305
90.	.1397	.1408	.1257	.1344	.1417	.1483	.1484	.1424	.1421	.1384	.1365	.1406	.1319	.1305
110.					.1347	.1427	.1401	.1385	.1406	.1363	.1325	.1370	.1324	.1343
130.				.1589	.1574	.1544	.1618	.1545	.1591	.1592	.1588	.1568	.1528	.1607
145.	.2819	.2474	.2623	.2677	.2587	.2586	.2534	.2529	.2520	.2483	.2442	.2454	.2447	.2436
160.				.3559	.3584	.3608	.3593	.3601	.3582	.3556	.3467	.3490	.3424	.3487
180.	.4092	.4235	.4377	.4335	.4371	.4353	.4372	.4410	.4400	.4382	.4348	.4333	.4341	.4277
200.				.4854	.4822	.4827	.4814	.4809	.4815	.4777	.4796	.4760	.4661	.4756
215.	.4675	.4620	.4625	.4820	.4732	.4731	.4775	.4728	.4744	.4710	.4737	.4738	.4705	.4685
230.				.4196	.4126	.4159	.4173	.4162	.4220	.4194	.4173	.4161	.4158	.4207
250.					.3450	.3483	.3472	.3521	.3549	.3491	.3418	.3474	.3475	.3429
270.	.3172	.3127	.3154	.3079	.3118	.3217	.3220	.3204	.3228	.3177	.3116	.3154	.3108	.3065
290.				.2939	.3021	.3107	.3140	.3071	.3093	.3049	.3012	.3006	.2932	.2918
310.	.2732	.2894	.2940	.2888	.2897	.3017	.3018	.2939	.2984	.3011	.2930	.2932	.2895	.2916
325.				.2826	.2828	.2914	.2883	.2849	.2883	.2700	.2808	.2854	.2817	.2822
340.		.2587	.2434	.2503	.2594	.2573	.2666	.2584	.2551	.2678	.2594	.2542	.2578	.2590
350.				.2294	.2172	.2287	.2341	.2310	.2327	.2313	.2366	.2371	.2337	.2285
						FOR ALPHA = 10.35 DEG								
0.	.1280	.1204	.1193	.1196	.1228	.1287	.1308	.1319	.1317	.1293	.1307	.1277	.1170	.1179
10.				.1138	.1025	.1147	.1174	.1222	.1181	.1109	.1141	.1110	.1047	.1022
20.		.1339	.1088	.1134	.1139	.1107	.1214	.1204	.1125	.1152	.1119	.1110	.1054	.1064
35.				.1216	.1180	.1218	.1252	.1233	.1215	.1065	.1149	.1191	.1134	.1119
50.	.1054	.1180	.1042	.1220	.1142	.1223	.1271	.1190	.1196	.1219	.1176	.1177	.1097	.1100
70.				.1078	.1133	.1178	.1231	.1154	.1158	.1142	.1141	.1145	.1034	.1002
90.	.1009	.1026	.0860	.0902	.0995	.1030	.1068	.1043	.1035	.1013	.1014	.1044	.0961	.0921
110.					.0734	.0796	.0837	.0853	.0860	.0866	.0841	.0857	.0820	.0808
130.				.1249	.1197	.1042	.1095	.1092	.1125	.1198	.1178	.1210	.1186	.1244
145.	.3486	.2903	.3120	.3137	.2978	.2960	.2911	.2891	.2829	.2781	.2750	.2775	.2847	.2856
160.				.4538	.4547	.4560	.4548	.4542	.4486	.4489	.4383	.4448	.4430	.4480
180.	.5400	.5471	.5589	.5572	.5608	.5597	.5612	.5643	.5605	.5580	.5588	.5555	.5585	.5534
200.				.5960	.5957	.6014	.6035	.5978	.5953	.5950	.5906	.5875	.5820	.5923
215.	.5592	.5375	.5507	.5583	.5501	.5544	.5542	.5491	.5500	.5477	.5450	.5451	.5489	.5456
230.				.4306	.4184	.4234	.4291	.4217	.4241	.4283	.4237	.4241	.4299	.4335
250.					.3063	.3174	.3151	.3161	.3158	.3136	.3050	.3117	.3136	.3169
270.	.2711	.2662	.2708	.2618	.2677	.2796	.2838	.2797	.2764	.2722	.2712	.2762	.2736	.2722
290.				.2486	.2535	.2710	.2767	.2670	.2675	.2653	.2660	.2662	.2585	.2574
310.	.2137	.2322	.2481	.2372	.2381	.2610	.2616	.2505	.2544	.2566	.2507	.2493	.2462	.2497
325.				.2222	.2238	.2417	.2374	.2351	.2359	.2146	.2240	.2289	.2269	.2281
340.		.1804	.1699	.1725	.1831	.1867	.1933	.1878	.1839	.1885	.1806	.1753	.1781	.1805
350.				.1469	.1371	.1487	.1600	.1560	.1549	.1508	.1541	.1556	.1484	.1435
						FOR ALPHA = 15.35 DEG								
0.	.0818	.0947	.0734	.0769	.0764	.0804	.0809	.0809	.0826	.0807	.0844	.0844	.0727	.0739
10.				.0866	.0769	.0857	.0884	.0879	.0865	.0837	.0858	.0860	.0831	.0828
20.		.1041	.0726	.0895	.0912	.0892	.0940	.0893	.0840	.0908	.0869	.0900	.0885	.0845
35.				.0967	.0934	.0969	.0937	.0899	.0895	.0764	.0870	.0966	.0895	.0817
50.	.0670	.0763	.0728	.0888	.0854	.0939	.0936	.0857	.0882	.0884	.0886	.0946	.0860	.0814
70.				.0644	.0755	.0819	.0857	.0787	.0773	.0767	.0810	.0882	.0740	.0675
90.	.0445	.0503	.0294	.0306	.0366	.0492	.0534	.0516	.0495	.0446	.0495	.0610	.0461	.0395
110.					-.0093	-.0052	-.0036	-.0021	.0026	.0026	.0094	.0222	.0153	.0044
130.				.0893	.0765	.0640	.0673	.0652	.0699	.0688	.0748	.0863	.0861	.0783
145.	.4237	.3395	.3757	.3743	.3459	.3503	.3382	.3408	.3370	.3266	.3260	.3337	.3430	.3350
160.				.5616	.5653	.5622	.5595	.5624	.5606	.5586	.5535	.5600	.5628	.5596
180.	.6762	.6827	.6948	.6927	.6957	.6907	.6898	.6975	.6972	.6976	.6976	.7002	.6978	.7015	.6939
200.				.7250	.7253	.7215	.7192	.7162	.7196	.7176	.7179	.7164	.7069	.7158
215.	.6583	.6186	.6347	.6466	.6326	.6300	.6224	.6293	.6282	.6229	.6237	.6237	.6226	.6229
230.				.4382	.4272	.4161	.4153	.4205	.4282	.4300	.4292	.4300	.4285	.4404
250.					.2645	.2656	.2578	.2643	.2680	.2697	.2624	.2664	.2667	.2656
270.	.2173	.2242	.2187	.2177	.2199	.2227	.2221	.2264	.2249	.2223	.2220	.2249	.2220	.2203
290.				.2065	.2168	.2182	.2253	.2229	.2194	.2234	.2263	.2276	.2176	.2169
310.	.1537	.1780	.1952	.1961	.1973	.2073	.2073	.2022	.2056	.2092	.2079	.2048	.1966	.2035
325.				.1688	.1724	.1819	.1741	.1749	.1755	.1535	.1702	.1743	.1658	.1693
340.		.1121	.1013	.1044	.1095	.1060	.1070	.1025	.1013	.1052	.1040	.0997	.0972	.1027
350.				.0796	.0687	.0749	.0798	.0759	.0784	.0784	.0843	.0854	.0766	.0740
						FOR ALPHA = 20.35 DEG								
0.	.0477	.0639	.0466	.0505	.0534	.0589	.0641	.0668	.0643	.0599	.0617	.0601	.0466	.0443
10.				.0615	.0497	.0631	.0686	.0727	.0643	.0608	.0651	.0605	.0522	.0490
20.		.0718	.0521	.0594	.0648	.0709	.0793	.0751	.0646	.0699	.0665	.0640	.0573	.0602
35.				.0623	.0624	.0706	.0785	.0723	.0653	.0522	.0616	.0662	.0596	.0596
50.	.0245	.0081	.0389	.0401	.0491	.0644	.0739	.0636	.0610	.0620	.0605	.0618	.0534	.0576
70.				.0129	.0185	.0403	.0578	.0461	.0414	.0410	.0439	.0494	.0383	.0364
90.	-.0253	-.0247	-.0521	-.0583	-.0633	-.0599	-.0438	-.0340	-.0318	-.0239	-.0191	-.0100	-.0218	-.0225
110.					-.1058	-.1075	-.1060	-.1107	-.1195	-.1211	-.1235	-.1179	-.1283	-.1285
130.				.0791	.0597	.0510	.0576	.0576	.0579	.0584	.0659	.0721	.0646	.0659
145.	.5207	.4222	.4539	.4470	.4092	.4167	.4091	.4216	.4065	.3921	.3916	.3907	.3947	.3888
160.				.6846	.6851	.6840	.6891	.6955	.6874	.6834	.6776	.6817	.6709	.6699
180.	.8238	.8438	.8364	.8386	.8379	.8370	.8416	.8505	.8463	.8450	.8453	.8413	.8416	.8345
200.				.8524	.8503	.8532	.8503	.8513	.8528	.8477	.8463	.8428	.8343	.8398
215.	.7622	.7114	.7266	.7295	.7077	.7140	.7027	.7091	.7078	.7002	.6976	.6941	.6949	.6889
230.				.4401	.4259	.4084	.4102	.4155	.4219	.4179	.4218	.4200	.4171	.4267
250.					.2055	.2034	.1949	.1993	.2029	.2022	.2005	.2030	.1967	.2017
270.	.1355	.1663	.1634	.1462	.1450	.1542	.1564	.1604	.1613	.1553	.1573	.1574	.1480	.1520
290.				.1466	.1606	.1678	.1772	.1752	.1734	.1760	.1830	.1860	.1709	.1734
310.	.0844	.1147	.1332	.1349	.1418	.1577	.1600	.1571	.1620	.1657	.1653	.1621	.1466	.1573
325.				.0978	.1161	.1218	.1201	.1208	.1207	.0982	.1162	.1170	.1044	.1084
340.		.0513	.0215	.0286	.0357	.0298	.0293	.0256	.0254	.0308	.0299	.0250	.0150	.0140
350.				.0211	.0142	.0188	.0235	.0266	.0285	.0248	.0262	.0280	.0131	.0088

TABLE VI. - CONTINUED

(D) MACH = 1.70, BETA = 5.04 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.35 DEG								
0.	.1879	.1848	.1674	.1983	.1941	.1963	.1938	.1954	.1944	.1997	.2044	.2062	.1995	0.
10.	.1475	.1467	.1511	.1618	.1543	.1546	.1538	.1565	.1560	.1679	.1608	.1547	.1681	10.
20.	.1345	.1377	.1370	.1505	.1417	.1515	.1503	.1554	.1482	.1464	.1447	.1468	.1646	20.
35.	.1433	.1412	.1395	.1512	.1401	.1612	.1601	.1460	.1415	.1385	.1390	.1439	.1501	35.
50.	.1406	.1403	.1351	.1497	.1503	.1632	.1565	.1470	.1417	.1354	.1334	.1389	.1409	50.
70.	.1372	.1360	.1337	.1509	.1513	.1611	.1458	.1429	.1421	.1379	.1334	.1303	.1372	70.
90.	.1307	.1327	.1313	.1555	.1504	.1494	.1456	.1422	.1387	.1349	.1314	.1293	.1313	90.
110.	.1351	.1306	.1275	.1426	.1392	.1405	.1384	.1325	.1334	.1383	.1296	.1290	.1244	110.
130.	.1561	.1617	.1544	.1740	.1719	.1752	.1589	.1632	.1695	.1703	.1657	.1637	.1625	130.
145.	.2462	.2381	.2415	.2488	.2448	.2445	.2506	.2528	.2306	.2518	.2536	.2573	.2579	145.
160.	.3512	.3521	.3495	.3563	.3494	.3465	.3568	.3544	.3580	.3549	.3546	.3544	.3619	160.
180.	.4331	.4275	.4309	.4323	.4310	.4347	.4351	.4348	.4372	.4410	.4446	.4457	.4393	180.
200.	.4733	.4724	.4771	.4845	.4807	.4767	.4819	.4824	.4798	.4800	.4881	.5005	.4996	200.
215.	.4648	.4641	.4707	.4749	.4681	.4675	.4705	.4762	.3263	.4759	.4856	.4979	.4932	215.
230.	.4115	.4222	.4136	.4299	.4231	.4198	.4159	.4246	.4296	.4241	.4292	.4366	.4190	230.
250.	.3469	.3395	.3411	.3477	.3449	.3461	.3518	.3471	.3481	.3530	.3439	.3464	.3445	250.
270.	.3076	.3086	.3080	.3226	.3236	.3215	.3257	.3227	.3160	.3156	.3131	.3055	.3100	270.
290.	.2966	.3018	.3001	.3104	.3096	.3123	.3092	.3113	.3069	.3028	.3026	.2974	.3056	290.
310.	.2923	.2971	.2930	.3034	.2997	.3070	.3056	.3037	.2979	.2916	.2906	.2954	.2991	310.
325.	.2855	.2876	.2880	.2977	.2882	.3005	.2900	.2877	.2863	.2803	.2830	.2904	.2952	325.
340.	.2575	.2629	.2650	.2759	.2699	.2816	.2683	.2681	.2669	.2699	.2696	.2715	.2871	340.
350.	.2333	.2346	.2408	.2503	.2409	.2435	.2409	.2403	.2354	.2478	.2486	.2487	.2575	350.
						FOR ALPHA = 10.35 DEG								
0.	.1193	.1180	.1211	.1353	.1310	.1332	.1330	.1323	.1269	.1300	.1319	.1334	.1346	0.
10.	.1069	.1083	.1088	.1284	.1264	.1273	.1171	.1147	.1121	.1209	.1243	.1236	.1327	10.
20.	.1057	.1084	.1132	.1353	.1272	.1293	.1187	.1187	.1164	.1200	.1202	.1198	.1367	20.
35.	.1118	.1156	.1216	.1358	.1180	.1306	.1224	.1174	.1168	.1146	.1143	.1188	.1248	35.
50.	.1088	.1174	.1221	.1302	.1153	.1245	.1210	.1198	.1165	.1111	.1087	.1126	.1224	50.
70.	.1057	.1139	.1168	.1214	.1130	.1198	.1130	.1130	.1107	.1070	.1077	.1063	.1145	70.
90.	.0951	.0986	.0983	.1075	.1037	.1072	.1076	.1010	.0981	.0964	.0920	.0936	.0927	90.
110.	.0890	.0808	.0816	.0841	.0755	.0780	.0793	.0746	.0764	.0768	.0690	.0734	.0642	110.
130.	.1170	.1244	.1194	.1414	.1341	.1324	.1261	.1334	.1355	.1296	.1280	.1279	.1353	130.
145.	.2791	.2654	.2780	.2891	.2839	.2746	.2765	.2842	.2273	.2807	.2890	.2917	.2988	145.
160.	.4473	.4419	.4438	.4562	.4507	.4476	.4528	.4496	.4461	.4418	.4451	.4475	.4599	160.
180.	.5593	.5513	.5557	.5587	.5567	.5628	.5632	.5615	.5642	.5651	.5675	.5683	.5607	180.
200.	.5889	.5925	.5929	.6012	.5974	.5952	.6021	.6009	.5969	.6001	.6072	.6089	.6058	200.
215.	.5426	.5370	.5462	.5515	.5451	.5441	.5475	.5505	.3390	.5593	.5593	.5607	.5616	215.
230.	.4284	.4371	.4296	.4416	.4408	.4351	.4307	.4386	.4380	.4433	.4429	.4374	.4293	230.
250.	.3208	.3107	.3094	.3139	.3113	.3117	.3172	.3095	.3057	.3096	.3079	.3081	.3002	250.
270.	.2724	.2716	.2682	.2833	.2827	.2838	.2881	.2811	.2721	.2686	.2683	.2694	.2708	270.
290.	.2671	.2665	.2612	.2720	.2698	.2752	.2709	.2706	.2643	.2601	.2583	.2583	.2670	290.
310.	.2531	.2514	.2463	.2580	.2533	.2634	.2607	.2584	.2495	.2434	.2409	.2474	.2556	310.
325.	.2351	.2328	.2288	.2395	.2293	.2439	.2357	.2331	.2259	.2176	.2201	.2280	.2365	325.
340.	.1812	.1859	.1846	.1951	.1924	.2072	.1985	.1988	.1917	.1886	.1875	.1921	.2104	340.
350.	.1505	.1541	.1564	.1684	.1629	.1667	.1644	.1629	.1550	.1629	.1605	.1638	.1730	350.
						FOR ALPHA = 15.35 DEG								
0.	.0772	.0731	.0716	.0872	.0842	.0862	.0824	.0835	.0818	.0841	.0850	.0830	.0823	0.
10.	.0812	.0812	.0657	.1020	.0941	.0995	.0952	.0942	.0896	.0929	.0923	.0883	.0944	10.
20.	.0829	.0886	.0894	.1072	.0986	.1104	.1008	.0995	.0958	.0931	.0884	.0908	.1111	20.
35.	.0855	.0876	.0868	.1016	.0908	.1041	.0958	.0940	.0976	.0853	.0826	.0965	.1009	35.
50.	.0814	.0825	.0791	.0957	.0875	.0984	.0931	.0947	.0928	.0800	.0839	.0903	.0946	50.
70.	.0729	.0714	.0673	.0839	.0794	.0878	.0808	.0853	.0788	.0696	.0770	.0765	.0808	70.
90.	.0388	.0369	.0326	.0545	.0496	.0530	.0570	.0568	.0481	.0392	.0423	.0432	.0446	90.
90.	.0388	.0369	.0326	.0545	.0496	.0530	.0570	.0568	.0481	.0392	.0423	.0432	.0446	90.
110.	.0051	-.0058	-.0079	.0033	-.0084	-.0066	-.0094	-.0108	-.0159	-.0255	-.0268	-.0250	-.0269	110.
130.	.0697	.0752	.0786	.0966	.0920	.0981	.0857	.0943	.1022	.0912	.0851	.0889	.0960	130.
145.	.3199	.3124	.3240	.3290	.3267	.3242	.3256	.3220	.2286	.3312	.3416	.3364	.3389	145.
160.	.5509	.5481	.5529	.5598	.5552	.5526	.5600	.5508	.5450	.5429	.5551	.5628	.5650	160.
180.	.6946	.6857	.6904	.6941	.6937	.6971	.6972	.6950	.6930	.6963	.7004	.7018	.6971	180.
200.	.7159	.7150	.7167	.7246	.7188	.7151	.7258	.7225	.7133	.7129	.7233	.7315	.7280	200.
215.	.6213	.6125	.6229	.6267	.6169	.6170	.6257	.6255	.4212	.6206	.6345	.6409	.6346	215.
230.	.4311	.4375	.4338	.4478	.4397	.4338	.4295	.4396	.4389	.4339	.4401	.4400	.4360	230.
250.	.2701	.2607	.2600	.2604	.2530	.2519	.2557	.2531	.2466	.2458	.2428	.2451	.2458	250.
270.	.2177	.2202	.2154	.2273	.2267	.2276	.2339	.2277	.2258	.2206	.2149	.2142	.2207	270.
290.	.2217	.2225	.2204	.2279	.2227	.2279	.2221	.2231	.2234	.2231	.2211	.2155	.2271	290.
310.	.2016	.1994	.2003	.2082	.1979	.2125	.2071	.2046	.2030	.2030	.1988	.2025	.2175	310.
325.	.1750	.1712	.1684	.1800	.1631	.1825	.1724	.1647	.1660	.1626	.1667	.1768	.1849	325.
340.	.1025	.1041	.1024	.1170	.1110	.1298	.1234	.1225	.1188	.1207	.1187	.1201	.1313	340.
350.	.0785	.0812	.0853	.1016	.0910	.0922	.0934	.0924	.0850	.0919	.0901	.0909	.0964	350.
						FOR ALPHA = 20.35 DEG								
0.	.0466	.0462	.0479	.0610	.0589	.0614	.0568	.0576	.0576	.0616	.0585	.0535	.0521	0.
10.	.0565	.0568	.0591	.0741	.0670	.0648	.0594	.0649	.0593	.0693	.0731	.0646	.0732	10.
20.	.0633	.0646	.0626	.0803	.0668	.0732	.0713	.0718	.0707	.0739	.0757	.0702	.0810	20.
35.	.0611	.0590	.0565	.0728	.0538	.0756	.0695	.0650	.0624	.0593	.0607	.0681	.0727	35.
50.	.0542	.0511	.0492	.0651	.0478	.0694	.0669	.0648	.0614	.0566	.0551	.0583	.0634	50.
70.	.0383	.0360	.0354	.0488	.0326	.0530	.0469	.0452	.0424	.0402	.0419	.0387	.0407	70.
90.	-.0217	-.0216	-.0213	-.0046	-.0186	-.0057	-.0021	-.0070	-.0111	-.0112	-.0173	-.0179	-.0177	90.
110.	-.1246	-.1274	-.1289	-.1149	-.1335	-.1349	-.1317	-.1367	-.1400	-.1398	-.1462	-.1469	-.1486	110.
130.	.0639	.0661	.0660	.0913	.0822	.0810	.0773	.0886	.0904	.0879	.0870	.0864	.0865	130.
145.	.3876	.3758	.3873	.3938	.3919	.3788	.3761	.3866	.3483	.3917	.4047	.4092	.4013	145.
160.	.6664	.6667	.6710	.6806	.6765	.6714	.6723	.6669	.6695	.6697	.6720	.6760	.6650	160.
180.	.8350	.8298	.8357	.8411	.8412	.8413	.8400	.8399	.8418	.8449	.8429	.8380	.8110	180.
200.	.8363	.8388	.8411	.8508	.8474	.8427	.8482	.8456	.8463	.8477	.8482	.8515	.8230	200.
215.	.6889	.6794	.6918	.6982	.6902	.6904	.6917	.6971	.5073	.7000	.7084	.7064	.6860	215.
230.	.4232	.4260	.4200	.4401	.4405	.4363	.4221	.4366	.4455	.4320	.4389	.4357	.4185	230.
250.	.2049	.1910	.1894	.1954	.1855	.1844	.1842	.1869	.1831	.1713	.1656	.1668	.1597	250.
270.	.1561	.1550	.1501	.1662	.1699	.1767	.1798	.1813	.1732	.1636	.1593	.1604	.1582	270.
290.	.1790	.1749	.1718	.1871	.1844	.1904	.1846	.1932	.1892	.1792	.1804	.1770	.1809	290.
310.	.1519	.1471	.1482	.1647	.1586	.1689	.1652	.1715	.1679	.1552	.1500	.1580	.1639	310.
325.	.1127	.1100	.1044	.1244	.1117	.1257	.1124	.1122	.1088	.0963	.0974	.1039	.1102	325.
340.	.0186	.0234	.0188	.0362	.0303	.0489	.0398	.0463	.0461	.0430	.0392	.0381	.0485	340.
350.	.0169	.0183	.0196	.0361	.0272	.0301	.0277	.0316	.0348	.0344	.0276	.0259	.0322	350.

TABLE VI. - CONTINUED

(E) MACH = 2.50, BETA = -.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.50 DEG								
0.	.3525	.3276	.3513	.3554	.3553	.3552	.3563	.3613	.3585	.3588	.3608	.3554	.3503	.3460
10.				.3197	.3096	.3285	.3282	.3277	.3241	.3181	.3209	.3212	.3126	.3074
20.		.2873	.2746	.2722	.2689	.2643	.2695	.2695	.2669	.2709	.2671	.2658	.2573	.2577
35.				.2319	.2312	.2387	.2430	.2414	.2373	.2325	.2381	.2431	.2293	.2289
50.	.2214	.2213	.2089	.2195	.2220	.2303	.2376	.2274	.2307	.2374	.2308	.2298	.2191	.2229
70.				.2114	.2188	.2255	.2270	.2221	.2243	.2212	.2227	.2242	.2082	.2034
90.	.2101	.2094	.2044	.2026	.2161	.2208	.2209	.2198	.2209	.2194	.2148	.2200	.2049	.2040
110.					.2149	.2203	.2179	.2208	.2161	.2155	.2125	.2141	.2062	.2088
130.				.2142	.2159	.2177	.2220	.2173	.2171	.2182	.2163	.2126	.2062	.2116
145.	.2100	.2091	.2073	.2139	.2202	.2167	.2217	.2169	.2159	.2145	.2143	.2159	.2057	.2052
160.				.2104	.2112	.2188	.2151	.2165	.2112	.2121	.2081	.2118	.1958	.2013
180.	.1959	.2041	.2062	.2066	.2146	.2124	.2097	.2105	.2070	.2097	.2079	.1984	.1976	.1947
						FOR ALPHA = -2.50 DEG								
0.	.3101	.2819	.3067	.3045	.3130	.3139	.3103	.3166	.3149	.3115	.3112	.3100	.3043	.3030
10.				.2834	.2760	.2887	.2935	.2850	.2834	.2812	.2839	.2861	.2788	.2724
20.		.2601	.2468	.2448	.2445	.2392	.2466	.2432	.2410	.2465	.2416	.2454	.2343	.2356
35.				.2150	.2196	.2202	.2285	.2249	.2221	.2153	.2191	.2286	.2106	.2128
50.	.2096	.2116	.1935	.2084	.2081	.2186	.2234	.2139	.2116	.2199	.2135	.2158	.2047	.2089
70.				.2022	.2097	.2160	.2193	.2089	.2102	.2134	.2086	.2138	.1983	.1952
90.	.2045	.2064	.1945	.2008	.2082	.2139	.2145	.2123	.2122	.2111	.2090	.2125	.1984	.1937
110.					.2126	.2207	.2155	.2165	.2189	.2161	.2118	.2167	.2049	.2068
130.				.2261	.2301	.2290	.2320	.2275	.2313	.2291	.2290	.2269	.2206	.2214
145.	.2353	.2348	.2300	.2471	.2462	.2399	.2428	.2432	.2447	.2439	.2438	.2391	.2285	.2310
160.				.2459	.2500	.2509	.2468	.2508	.2449	.2489	.2408	.2420	.2280	.2329
180.	.2303	.2370	.2407	.2453	.2514	.2465	.2401	.2454	.2494	.2476	.2456	.2308	.2338	.2313
						FOR ALPHA = -1.52 DEG								
0.	.2864	.2673	.2817	.2854	.2963	.2899	.2950	.2944	.2901	.2961	.2914	.2899	.2817	.2814
10.				.2669	.2600	.2676	.2702	.2709	.2757	.2675	.2666	.2703	.2569	.2536
20.		.2480	.2331	.2343	.2352	.2278	.2363	.2339	.2277	.2367	.2315	.2343	.2198	.2236
35.				.2090	.2081	.2156	.2218	.2173	.2146	.2042	.2101	.2172	.2053	.2079
50.	.1999	.2059	.1896	.2036	.2002	.2137	.2158	.2067	.2077	.2164	.2065	.2093	.1990	.1996
70.				.1948	.2012	.2118	.2118	.2054	.2057	.2031	.2056	.2096	.1944	.1915
90.	.1995	.2041	.1940	.1949	.2067	.2107	.2136	.2081	.2087	.2049	.2070	.2071	.1944	.1929
110.					.2108	.2170	.2159	.2161	.2146	.2105	.2135	.2114	.2049	.2065
130.				.2333	.2364	.2351	.2334	.2344	.2365	.2364	.2302	.2345	.2262	.2279
145.	.2488	.2467	.2448	.2515	.2583	.2574	.2596	.2570	.2555	.2547	.2532	.2489	.2438	.2388
160.				.2568	.2672	.2715	.2648	.2657	.2643	.2680	.2591	.2581	.2499	.2530
180.	.2464	.2565	.2517	.2634	.2703	.2660	.2647	.2683	.2614	.2665	.2665	.2534	.2539	.2445
						FOR ALPHA = -.49 DEG								
0.	.2676	.2481	.2659	.2628	.2702	.2679	.2690	.2748	.2706	.2751	.2743	.2675	.2612	.2602
10.				.2493	.2414	.2517	.2520	.2534	.2485	.2490	.2544	.2506	.2390	.2380
20.		.2339	.2213	.2211	.2212	.2160	.2217	.2218	.2183	.2228	.2188	.2209	.2113	.2116
35.				.2010	.2025	.2082	.2085	.2073	.2073	.1950	.2025	.2078	.1958	.1959
50.	.1938	.2006	.1845	.1968	.1943	.2040	.2095	.2000	.1994	.2067	.1992	.2006	.1907	.1955
70.				.1887	.1988	.2036	.2066	.1995	.1989	.1988	.1998	.1995	.1867	.1872
90.	.1960	.1985	.1895	.1907	.1992	.2053	.2092	.2051	.2037	.1992	.1982	.2040	.1911	.1879
110.					.2073	.2177	.2131	.2128	.2136	.2125	.2098	.2113	.2023	.2040
130.				.2356	.2359	.2402	.2371	.2356	.2396	.2397	.2396	.2395	.2278	.2322
145.	.2640	.2563	.2566	.2690	.2695	.2697	.2691	.2673	.2737	.2669	.2710	.2650	.2547	.2552
160.				.2782	.2820	.2915	.2837	.2854	.2846	.2814	.2792	.2792	.2636	.2710
180.	.2649	.2758	.2819	.2850	.2847	.2859	.2856	.2881	.2832	.2856	.2871	.2744	.2744	.2721
						FOR ALPHA = .51 DEG								
0.	.2486	.2289	.2453	.2463	.2495	.2535	.2489	.2518	.2514	.2536	.2556	.2518	.2478	.2414
10.				.2326	.2234	.2344	.2383	.2357	.2365	.2328	.2357	.2322	.2260	.2223
20.		.2218	.2103	.2097	.2131	.2056	.2122	.2096	.2081	.2138	.2107	.2083	.1995	.2034
35.				.1938	.1968	.1984	.2015	.2001	.1984	.1877	.1948	.2016	.1874	.1895
50.	.1892	.1943	.1771	.1872	.1894	.1983	.2012	.1910	.1947	.2027	.1927	.1938	.1826	.1873
70.				.1819	.1932	.1996	.2011	.1945	.1938	.1948	.1921	.1942	.1820	.1797
90.	.1941	.1946	.1860	.1873	.1943	.2011	.2038	.1967	.1978	.1960	.1951	.1981	.1851	.1852
110.					.2054	.2126	.2123	.2111	.2105	.2100	.2101	.2104	.2018	.2010
130.				.2390	.2422	.2409	.2438	.2406	.2425	.2439	.2424	.2445	.2319	.2361
145.	.2794	.2699	.2713	.2843	.2826	.2829	.2844	.2808	.2781	.2825	.2811	.2803	.2650	.2688
160.				.3011	.3018	.3075	.2968	.3061	.2990	.3004	.2993	.3014	.2869	.2865
180.	.2843	.2926	.2971	.3071	.3094	.3094	.3018	.3115	.3076	.3081	.3062	.2952	.2967	.2885
						FOR ALPHA = 1.50 DEG								
0.	.2300	.2162	.2303	.2273	.2289	.2340	.2343	.2318	.2336	.2368	.2355	.2352	.2298	.2276
10.				.2142	.2091	.2223	.2208	.2224	.2192	.2171	.2209	.2195	.2119	.2117
20.		.2088	.1982	.1979	.1989	.1958	.2031	.2012	.1964	.2029	.2000	.2010	.1894	.1891
35.				.1872	.1852	.1902	.1969	.1914	.1905	.1814	.1882	.1928	.1796	.1821
50.	.1796	.1923	.1698	.1811	.1820	.1914	.1963	.1874	.1877	.1923	.1870	.1882	.1766	.1793
70.				.1775	.1871	.1892	.1935	.1865	.1885	.1860	.1867	.1906	.1749	.1759
90.	.1876	.1878	.1803	.1828	.1865	.1962	.1970	.1939	.1935	.1912	.1898	.1937	.1834	.1810
110.					.2019	.2066	.2103	.2082	.2081	.2076	.2009	.2049	.1978	.1995
130.				.2465	.2450	.2477	.2506	.2415	.2481	.2410	.2482	.2462	.2361	.2409
145.	.2960	.2824	.2828	.2955	.2968	.2945	.2930	.2916	.2956	.2870	.2900	.2995	.2809	.2792
160.				.3192	.3237	.3267	.3159	.3183	.3178	.3206	.3219	.3242	.3013	.3137
180.	.3003	.3147	.3225	.3265	.3303	.3289	.3235	.3253	.3258	.3271	.3259	.3184	.3176	.3159

TABLE VI. - CONTINUED

(E) MACH = 2.50, BETA = -.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.50 DEG								
0.	.3512	.3468	.3523	.3697	.3632	.3629	.3599	.3642	.3615	.3621	.3609	.3638	.3651	0.
10.	.3175	.3141	.3216	.3398	.3297	.3306	.3273	.3285	.3208	.3284	.3296	.3239	.3379	10.
20.	.2576	.2662	.2650	.2874	.2768	.3017	.2797	.2768	.2767	.2758	.2783	.2758	.2930	20.
35.	.2316	.2347	.2366	.2554	.2360	.2552	.2412	.2405	.2397	.2360	.2344	.2363	.2450	35.
50.	.2195	.2230	.2157	.2408	.2251	.2392	.2327	.2294	.2272	.2219	.2197	.2262	.2254	50.
70.	.2090	.2098	.2059	.2301	.2194	.2351	.2255	.2233	.2213	.2188	.2159	.2108	.2156	70.
90.	.2085	.2087	.2041	.2274	.2156	.2214	.2264	.2204	.2173	.2101	.2098	.2065	.2102	90.
110.	.2110	.2072	.2080	.2231	.2142	.2164	.2216	.2187	.2161	.2198	.2122	.2150	.2123	110.
130.	.2070	.2096	.2069	.2261	.2262	.2245	.2148	.2190	.2203	.2226	.2210	.2166	.2191	130.
145.	.2046	.2007	.2038	.2207	.2167	.2136	.2128	.2139	.0873	.2191	.2149	.2199	.2204	145.
160.	.2020	.2010	.1989	.2168	.2147	.2131	.2124	.2105	.2102	.2110	.2093	.2107	.2128	160.
180.	.1970	.1910	.1945	.2041	.2092	.2069	.2038	.2031	.2017	.2038	.1996	.1997	.2007	180.
						FOR ALPHA = -2.50 DEG								
0.	.3102	.3046	.3099	.3278	.3178	.3201	.3173	.3201	.3190	.3174	.3182	.3213	.3215	0.
10.	.2740	.2796	.2836	.3043	.2922	.2995	.2937	.2914	.2854	.2906	.2965	.2895	.3005	10.
20.	.2358	.2394	.2402	.2658	.2548	.2728	.2533	.2499	.2526	.2521	.2492	.2485	.2648	20.
35.	.2163	.2192	.2205	.2411	.2218	.2416	.2256	.2256	.2250	.2222	.2204	.2215	.2306	35.
50.	.2069	.2072	.2052	.2258	.2115	.2272	.2179	.2200	.2123	.2086	.2071	.2113	.2166	50.
70.	.2004	.1980	.1987	.2194	.2095	.2255	.2133	.2158	.2093	.2079	.2055	.1997	.2099	70.
90.	.1994	.1993	.1968	.2203	.2103	.2124	.2170	.2124	.2089	.2040	.2015	.1982	.2031	90.
110.	.2133	.2025	.2063	.2230	.2095	.2188	.2166	.2184	.2177	.2160	.2136	.2086	.2101	110.
130.	.2139	.2226	.2224	.2398	.2384	.2322	.2291	.2373	.2347	.2358	.2271	.2303	.2359	130.
145.	.2280	.2237	.2329	.2479	.2382	.2385	.2376	.2435	.1188	.2396	.2393	.2420	.2493	145.
160.	.2353	.2358	.2327	.2492	.2492	.2473	.2487	.2440	.2405	.2433	.2430	.2465	.2482	160.
180.	.2373	.2308	.2299	.2418	.2434	.2474	.2441	.2385	.2393	.2378	.2399	.2398	.2349	180.
						FOR ALPHA = -1.52 DEG								
0.	.2877	.2834	.2878	.3039	.2946	.3037	.2941	.2971	.2946	.2939	.3022	.2979	.2986	0.
10.	.2623	.2640	.2658	.2836	.2757	.2810	.2768	.2730	.2652	.2741	.2774	.2736	.2816	10.
20.	.2240	.2303	.2303	.2515	.2434	.2638	.2429	.2403	.2375	.2397	.2395	.2381	.2550	20.
35.	.2113	.2116	.2140	.2305	.2144	.2323	.2172	.2185	.2137	.2145	.2112	.2135	.2234	35.
50.	.2011	.2019	.1978	.2227	.2086	.2240	.2123	.2116	.2091	.2074	.2034	.2056	.2085	50.
70.	.1920	.1923	.1912	.2153	.2017	.2211	.2067	.2073	.2047	.1997	.2015	.1936	.2013	70.
90.	.1990	.1958	.1938	.2177	.2084	.2127	.2133	.2093	.2061	.2019	.2014	.1955	.2008	90.
110.	.2090	.2047	.2078	.2209	.2122	.2132	.2194	.2196	.2154	.2182	.2080	.2114	.2112	110.
130.	.2216	.2329	.2215	.2474	.2438	.2397	.2390	.2362	.2426	.2408	.2356	.2401	.2337	130.
145.	.2387	.2404	.2390	.2610	.2519	.2480	.2549	.2507	.1347	.2545	.2487	.2594	.2557	145.
160.	.2508	.2430	.2521	.2693	.2605	.2624	.2543	.2642	.2598	.2552	.2573	.2515	.2680	160.
180.	.2528	.2503	.2457	.2652	.2660	.2636	.2636	.2534	.2631	.2614	.2554	.2602	.2495	180.
						FOR ALPHA = -.49 DEG								
0.	.2636	.2664	.2688	.2853	.2765	.2748	.2754	.2772	.2761	.2766	.2728	.2798	.2786	0.
10.	.2464	.2487	.2484	.2674	.2577	.2596	.2607	.2543	.2493	.2566	.2563	.2592	.2636	10.
20.	.2140	.2192	.2166	.2385	.2301	.2533	.2298	.2254	.2246	.2268	.2294	.2262	.2400	20.
35.	.2024	.2050	.2044	.2246	.2048	.2252	.2117	.2076	.2078	.2046	.2034	.2086	.2132	35.
50.	.1923	.1940	.1907	.2152	.1988	.2166	.2026	.2035	.2009	.1971	.1967	.1970	.2006	50.
70.	.1864	.1873	.1843	.2092	.1992	.2148	.2009	.1992	.1983	.1975	.1944	.1892	.1944	70.
90.	.1911	.1905	.1885	.2109	.2040	.2028	.2072	.2037	.1989	.1977	.1927	.1908	.1965	90.
110.	.2091	.2043	.2020	.2186	.2079	.2133	.2180	.2116	.2125	.2135	.2086	.2097	.2043	110.
130.	.2263	.2324	.2289	.2492	.2491	.2438	.2372	.2441	.2457	.2473	.2400	.2396	.2423	130.
145.	.2531	.2506	.2534	.2689	.2641	.2618	.2649	.2646	.1453	.2667	.2636	.2699	.2702	145.
160.	.2683	.2718	.2701	.2860	.2832	.2798	.2841	.2825	.2794	.2770	.2749	.2814	.2874	160.
180.	.2712	.2703	.2707	.2811	.2864	.2828	.2843	.2772	.2781	.2813	.2755	.2805	.2757	180.
						FOR ALPHA = .51 DEG								
0.	.2476	.2475	.2510	.2673	.2576	.2619	.2577	.2607	.2580	.2583	.2600	.2609	.2604	0.
10.	.2277	.2283	.2350	.2570	.2402	.2466	.2401	.2420	.2387	.2395	.2433	.2375	.2499	10.
20.	.2030	.2088	.2058	.2296	.2187	.2383	.2207	.2161	.2151	.2160	.2150	.2167	.2291	20.
35.	.1938	.1949	.1942	.2159	.1987	.2177	.2025	.1994	.1991	.1982	.1961	.1985	.2044	35.
50.	.1873	.1889	.1841	.2088	.1930	.2093	.2044	.1974	.1948	.1918	.1888	.1928	.1936	50.
70.	.1823	.1820	.1615	.2034	.1932	.2110	.1960	.1967	.1919	.1924	.1909	.1833	.1916	70.
90.	.1694	.1852	.1624	.2075	.1976	.2019	.2031	.1977	.1955	.1917	.1910	.1862	.1899	90.
110.	.2060	.1991	.2000	.2151	.2075	.2110	.2135	.2104	.2079	.2127	.2053	.2040	.2026	110.
130.	.2305	.2394	.2336	.2550	.2519	.2487	.2448	.2500	.2528	.2500	.2442	.2466	.2477	130.
145.	.2682	.2638	.2702	.2826	.2775	.2783	.2799	.2830	.1578	.2813	.2807	.2847	.2877	145.
160.	.2862	.2857	.2912	.3010	.3027	.2982	.2991	.3048	.2920	.2967	.2920	.2953	.3100	160.
180.	.2955	.2864	.2899	.3060	.3046	.3087	.3022	.2984	.3035	.2986	.3001	.2988	.2948	180.
						FOR ALPHA = 1.50 DEG								
0.	.2319	.2292	.2278	.2488	.2399	.2435	.2388	.2373	.2403	.2406	.2413	.2404	.2369	0.
10.	.2157	.2169	.2189	.2395	.2272	.2343	.2291	.2261	.2217	.2266	.2305	.2265	.2333	10.
20.	.1918	.1960	.1958	.2203	.2110	.2295	.2067	.2053	.2058	.2092	.2077	.2031	.2180	20.
35.	.1857	.1877	.1871	.2084	.1867	.2096	.1958	.1929	.1910	.1854	.1876	.1923	.1982	35.
50.	.1815	.1827	.1795	.2009	.1869	.2028	.1932	.1933	.1865	.1853	.1817	.1856	.1895	50.
70.	.1798	.1778	.1764	.1991	.1861	.2064	.1905	.1901	.1879	.1855	.1864	.1783	.1844	70.
90.	.1816	.1807	.1788	.2010	.1944	.1934	.1981	.1940	.1888	.1891	.1829	.1817	.1858	90.
110.	.2001	.1941	.1991	.2153	.2047	.2041	.2083	.2080	.2071	.2086	.1991	.1996	.1998	110.
130.	.2338	.2392	.2365	.2568	.2570	.2535	.2445	.2521	.2541	.2556	.2489	.2448	.2495	130.
145.	.2833	.2757	.2780	.2953	.2910	.2932	.2925	.2904	.1688	.2960	.2962	.2990	.2953	145.
160.	.3002	.3090	.3073	.3246	.3187	.3132	.3221	.3210	.3166	.3140	.3085	.3170	.3237	160.
180.	.3107	.3077	.3159	.3210	.3332	.3228	.3242	.3252	.3199	.3286	.3140	.3211	.3216	180.

TABLE VI. - CONTINUED

(E) MACH = 2.50, BETA = -.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 2.51 DEG								
0.	.2108	.1936	.2071	.2046	.2115	.2124	.2159	.2179	.2172	.2195	.2218	.2213	.2056	.2046
10.				.1981	.1955	.2044	.2075	.2056	.2045	.1999	.2043	.2064	.1952	.1925
20.		.1961	.1839	.1861	.1894	.1847	.1921	.1888	.1854	.1895	.1856	.1893	.1815	.1804
35.				.1794	.1794	.1846	.1858	.1836	.1817	.1740	.1790	.1842	.1737	.1742
50.	.1754	.1866	.1663	.1732	.1767	.1831	.1867	.1811	.1810	.1874	.1791	.1801	.1695	.1733
70.				.1708	.1831	.1849	.1892	.1844	.1832	.1828	.1831	.1820	.1692	.1687
90.	.1855	.1853	.1763	.1756	.1840	.1891	.1899	.1872	.1878	.1868	.1835	.1867	.1783	.1755
110.					.1995	.2044	.2001	.2022	.2051	.2062	.1997	.2049	.1978	.1964
130.				.2456	.2478	.2480	.2457	.2459	.2486	.2503	.2487	.2489	.2388	.2419
145.	.3132	.2952	.2958	.3125	.3120	.3082	.3110	.3054	.3047	.3080	.3119	.3057	.2975	.2945
160.				.3395	.3425	.3445	.3466	.3495	.3417	.3392	.3417	.3337	.3248	.3280
180.	.3279	.3425	.3469	.3512	.3548	.3492	.3513	.3556	.3559	.3512	.3494	.3447	.3429	.3358
						FOR ALPHA = 3.50 DEG								
0.	.1950	.1803	.1912	.1913	.1985	.1984	.2021	.2011	.2020	.2016	.2029	.2047	.1932	.1947
10.				.1851	.1787	.1918	.1934	.1891	.1913	.1894	.1921	.1912	.1831	.1817
20.		.1836	.1713	.1757	.1810	.1747	.1817	.1821	.1768	.1828	.1786	.1796	.1688	.1713
35.				.1718	.1718	.1772	.1792	.1767	.1755	.1629	.1726	.1771	.1651	.1675
50.	.1688	.1787	.1581	.1658	.1701	.1777	.1815	.1744	.1756	.1818	.1725	.1732	.1664	.1677
70.				.1637	.1741	.1795	.1829	.1772	.1772	.1766	.1771	.1773	.1639	.1643
90.	.1788	.1783	.1714	.1694	.1758	.1835	.1866	.1836	.1832	.1809	.1795	.1819	.1716	.1717
110.					.1967	.1989	.1967	.2004	.2006	.2005	.1964	.2005	.1930	.1923
130.				.2497	.2517	.2506	.2496	.2499	.2499	.2527	.2521	.2541	.2456	.2483
145.	.3289	.3108	.3106	.3254	.3220	.3241	.3220	.3190	.3187	.3184	.3206	.3125	.3115	.3055
160.				.3635	.3662	.3650	.3640	.3610	.3610	.3607	.3612	.3669	.3484	.3494
180.	.3561	.3637	.3742	.3695	.3771	.3773	.3727	.3764	.3755	.3717	.3728	.3635	.3670	.3608
						FOR ALPHA = 5.50 DEG								
0.	.1645	.1538	.1557	.1627	.1637	.1692	.1721	.1736	.1741	.1725	.1719	.1735	.1632	.1626
10.				.1607	.1540	.1614	.1691	.1682	.1676	.1621	.1649	.1641	.1569	.1553
20.		.1621	.1461	.1554	.1628	.1559	.1617	.1617	.1589	.1611	.1585	.1588	.1487	.1515
35.				.1562	.1579	.1612	.1641	.1591	.1614	.1515	.1551	.1638	.1512	.1523
50.	.1526	.1599	.1466	.1540	.1569	.1651	.1653	.1594	.1615	.1700	.1609	.1616	.1517	.1546
70.				.1506	.1602	.1664	.1705	.1621	.1639	.1647	.1640	.1678	.1518	.1534
90.	.1661	.1635	.1622	.1633	.1630	.1704	.1708	.1703	.1714	.1682	.1687	.1668	.1597	.1581
110.					.1839	.1876	.1852	.1894	.1926	.1885	.1861	.1900	.1801	.1817
130.				.2582	.2539	.2513	.2556	.2493	.2575	.2523	.2535	.2584	.2505	.2534
145.	.3610	.3386	.3364	.3521	.3553	.3511	.3512	.3488	.3527	.3411	.3454	.3495	.3383	.3346
160.				.4066	.4110	.4123	.4066	.4084	.4063	.4060	.3996	.4025	.3946	.3931
180.	.3922	.4129	.4238	.4221	.4251	.4253	.4205	.4254	.4277	.4286	.4255	.4148	.4166	.4169
						FOR ALPHA = 10.50 DEG								
0.	.1045	.1113	.0985	.1056	.1075	.1148	.1161	.1159	.1159	.1158	.1176	.1166	.1042	.1039
10.				.1048	.1007	.1095	.1129	.1095	.1087	.1076	.1092	.1080	.1016	.1012
20.		.1192	.1000	.1054	.1190	.1127	.1187	.1134	.1109	.1127	.1117	.1108	.1031	.1053
35.				.1159	.1221	.1266	.1277	.1246	.1227	.1127	.1189	.1236	.1127	.1118
50.	.1083	.1188	.1156	.1130	.1214	.1330	.1345	.1271	.1275	.1380	.1280	.1301	.1186	.1209
70.				.1183	.1241	.1322	.1374	.1345	.1330	.1338	.1344	.1353	.1245	.1231
90.	.1250	.1321	.1277	.1235	.1263	.1291	.1335	.1355	.1337	.1310	.1327	.1317	.1222	.1200
110.					.1533	.1553	.1521	.1543	.1556	.1547	.1520	.1547	.1517	.1494
130.				.2665	.2660	.2594	.2615	.2549	.2618	.2621	.2626	.2631	.2595	.2603
145.	.4498	.4137	.4244	.4329	.4259	.4252	.4216	.4183	.4213	.4231	.4188	.4172	.4074	.4024
160.				.5197	.5235	.5286	.5187	.5246	.5247	.5276	.5197	.5273	.5114	.5102
180.	.5262	.5397	.5685	.5534	.5608	.5584	.5543	.5555	.5600	.5644	.5644	.5516	.5511	.5445
						FOR ALPHA = 15.51 DEG								
0.	.0637	.0731	.0620	.0639	.0671	.0751	.0767	.0751	.0750	.0758	.0785	.0767	.0592	.0601
10.				.0615	.0591	.0656	.0675	.0643	.0645	.0631	.0631	.0630	.0554	.0541
20.		.0716	.0582	.0635	.0758	.0680	.0715	.0674	.0665	.0665	.0640	.0634	.0563	.0569
35.				.0745	.0817	.0859	.0884	.0855	.0847	.0748	.0802	.0829	.0723	.0720
50.	.0676	.0782	.0776	.0791	.0830	.0920	.0970	.0939	.0952	.1037	.0941	.0939	.0842	.0872
70.				.0832	.0837	.0901	.0981	.0956	.0972	.0966	.0977	.1014	.0928	.0914
90.	.0716	.0875	.0822	.0836	.0777	.0788	.0810	.0803	.0835	.0799	.0783	.0807	.0768	.0730
110.					.1145	.1181	.1129	.1139	.1195	.1129	.1099	.1124	.1089	.1137
130.				.2821	.2775	.2664	.2709	.2681	.2739	.2734	.2718	.2739	.2662	.2722
145.	.5511	.4926	.5166	.5175	.5047	.5103	.5051	.5026	.4988	.4939	.4912	.4922	.4880	.4868
160.				.6478	.6543	.6628	.6604	.6549	.6542	.6579	.6488	.6549	.6403	.6431
180.	.6861	.6864	.7107	.7045	.7114	.7072	.7067	.7149	.7065	.7087	.7068	.7101	.7079	.6995
						FOR ALPHA = 20.51 DEG								
0.	.0297	.0313	.0338	.0332	.0355	.0477	.0502	.0490	.0478	.0487	.0530	.0518	.0325	.0329
10.				.0241	.0229	.0293	.0317	.0300	.0296	.0293	.0299	.0290	.0229	.0229
20.		.0363	.0210	.0191	.0311	.0231	.0250	.0205	.0183	.0212	.0188	.0177	.0116	.0126
35.				.0281	.0364	.0421	.0475	.0430	.0423	.0356	.0378	.0395	.0307	.0293
50.	.0186	.0282	.0305	.0360	.0396	.0506	.0558	.0531	.0557	.0686	.0571	.0573	.0482	.0493
70.				.0303	.0343	.0374	.0463	.0454	.0481	.0501	.0532	.0603	.0519	.0510
90.	.0320	.0377	.0364	.0287	.0238	.0214	.0214	.0164	.0158	.0120	.0102	.0073	.0012	-.0031
110.					.0938	.0904	.0882	.0868	.0882	.0866	.0824	.0866	.0831	.0851
130.				.3029	.2936	.2822	.2825	.2749	.2888	.2861	.2876	.2886	.2814	.2878
145.	.6579	.5718	.6108	.6110	.5944	.5982	.5874	.5831	.5804	.5743	.5748	.5708	.5716	.5664
160.				.7842	.7910	.7983	.7903	.7905	.7835	.7883	.7817	.7789	.7783	.7821
180.	.8400	.8334	.8658	.8538	.8634	.8597	.8654	.8659	.8633	.8657	.8645	.8611	.8644	.8558

TABLE VI. - CONTINUED

(E) MACH = 2.50, BETA = -.02 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 2.51 DEG								
0.	.2113	.2118	.2102	.2280	.2207	.2282	.2215	.2200	.2194	.2207	.2250	.2232	.2196	0.
10.	.1959	.2011	.2037	.2209	.2098	.2157	.2120	.2105	.2032	.2091	.2108	.2098	.2178	10.
20.	.1822	.1894	.1873	.2079	.1956	.2144	.1990	.1955	.1930	.1940	.1925	.1966	.2084	20.
35.	.1758	.1771	.1789	.2023	.1818	.2038	.1845	.1845	.1846	.1806	.1815	.1817	.1909	35.
50.	.1711	.1729	.1723	.1965	.1799	.1951	.1824	.1848	.1820	.1778	.1731	.1754	.1818	50.
70.	.1720	.1723	.1709	.1937	.1815	.1975	.1839	.1837	.1821	.1801	.1773	.1728	.1787	70.
90.	.1777	.1748	.1723	.1955	.1874	.1889	.1910	.1865	.1836	.1821	.1799	.1751	.1796	90.
110.	.2017	.1951	.1917	.2126	.2008	.2055	.2088	.2002	.2037	.2043	.2000	.2009	.1939	110.
130.	.2406	.2440	.2417	.2633	.2581	.2594	.2479	.2577	.2609	.2576	.2554	.2503	.2566	130.
145.	.2942	.2876	.2951	.3085	.3007	.3021	.3030	.3074	.1823	.3064	.3061	.3089	.3130	145.
160.	.3280	.3283	.3306	.3510	.3424	.3405	.3420	.3441	.3434	.3377	.3364	.3378	.3493	160.
180.	.3408	.3369	.3353	.3450	.3499	.3522	.3527	.3447	.3436	.3449	.3429	.3491	.3415	180.
						FOR ALPHA = 3.50 DEG								
0.	.1966	.1947	.1935	.2149	.2057	.2109	.2047	.2034	.2059	.2057	.2068	.2058	.2029	0.
10.	.1844	.1873	.1891	.2088	.1984	.2041	.1992	.1964	.1912	.1976	.1990	.1963	.2028	10.
20.	.1715	.1764	.1762	.1988	.1875	.2050	.1853	.1843	.1837	.1860	.1838	.1827	.1962	20.
35.	.1708	.1713	.1711	.1923	.1749	.1953	.1792	.1765	.1749	.1736	.1729	.1771	.1828	35.
50.	.1668	.1686	.1652	.1894	.1741	.1923	.1794	.1780	.1743	.1714	.1695	.1722	.1756	50.
70.	.1637	.1681	.1651	.1907	.1754	.1939	.1796	.1779	.1797	.1745	.1729	.1682	.1727	70.
90.	.1735	.1703	.1667	.1907	.1835	.1847	.1865	.1811	.1787	.1787	.1755	.1712	.1739	90.
110.	.1955	.1888	.1883	.2072	.1985	.1986	.2017	.1963	.1975	.2011	.1931	.1943	.1905	110.
130.	.2413	.2468	.2434	.2675	.2615	.2609	.2519	.2589	.2654	.2608	.2568	.2535	.2580	130.
145.	.3089	.3019	.3107	.3248	.3191	.3180	.3174	.3233	.1999	.3250	.3227	.3244	.3300	145.
160.	.3538	.3501	.3490	.3696	.3601	.3663	.3638	.3613	.3615	.3553	.3622	.3597	.3656	160.
180.	.3606	.3573	.3516	.3711	.3724	.3710	.3733	.3609	.3706	.3686	.3618	.3702	.3585	180.
						FOR ALPHA = 5.50 DEG								
0.	.1634	.1618	.1654	.1839	.1751	.1784	.1717	.1750	.1726	.1740	.1730	.1725	.1741	0.
10.	.1562	.1562	.1615	.1826	.1704	.1776	.1668	.1680	.1649	.1688	.1702	.1639	.1738	10.
20.	.1515	.1530	.1537	.1776	.1669	.1819	.1612	.1620	.1627	.1664	.1609	.1581	.1716	20.
35.	.1535	.1548	.1550	.1768	.1598	.1801	.1621	.1605	.1586	.1597	.1577	.1610	.1668	35.
50.	.1520	.1535	.1527	.1779	.1618	.1784	.1644	.1645	.1620	.1588	.1549	.1581	.1632	50.
70.	.1567	.1530	.1559	.1774	.1645	.1832	.1644	.1688	.1650	.1628	.1608	.1535	.1642	70.
90.	.1631	.1600	.1554	.1767	.1703	.1731	.1758	.1703	.1653	.1665	.1645	.1607	.1630	90.
110.	.1871	.1775	.1800	.1972	.1856	.1890	.1887	.1868	.1858	.1863	.1828	.1807	.1819	110.
130.	.2452	.2522	.2431	.2695	.2688	.2655	.2576	.2587	.2674	.2676	.2607	.2592	.2588	130.
145.	.3327	.3242	.3369	.3504	.3458	.3412	.3396	.3487	.2352	.3524	.3477	.3458	.3559	145.
160.	.3854	.3908	.3952	.4113	.4030	.3945	.4046	.4082	.4025	.3986	.3924	.4017	.4127	160.
180.	.4096	.4036	.4090	.4252	.4178	.4192	.4194	.4175	.4246	.4149	.4119	.4159	.4148	180.
						FOR ALPHA = 10.50 DEG								
0.	.1042	.1019	.1035	.1233	.1156	.1214	.1103	.1119	.1094	.1134	.1149	.1103	.1116	0.
10.	.1021	.1014	.1030	.1265	.1130	.1200	.1095	.1082	.1074	.1110	.1105	.1078	.1137	10.
20.	.1055	.1083	.1054	.1292	.1175	.1345	.1171	.1135	.1114	.1150	.1115	.1118	.1203	20.
35.	.1158	.1166	.1148	.1399	.1214	.1431	.1251	.1209	.1190	.1177	.1171	.1224	.1256	35.
50.	.1184	.1204	.1190	.1439	.1251	.1474	.1314	.1318	.1282	.1238	.1233	.1252	.1294	50.
70.	.1261	.1254	.1244	.1490	.1328	.1519	.1350	.1351	.1342	.1315	.1295	.1264	.1324	70.
90.	.1266	.1235	.1227	.1444	.1334	.1386	.1396	.1378	.1320	.1305	.1301	.1259	.1310	90.
110.	.1534	.1451	.1427	.1610	.1462	.1531	.1536	.1469	.1456	.1433	.1444	.1433	.1385	110.
130.	.2531	.2622	.2547	.2814	.2760	.2741	.2688	.2715	.2788	.2750	.2701	.2739	.2734	130.
145.	.4035	.3939	.4040	.4215	.4167	.4129	.4105	.4158	.2609	.4185	.4176	.4178	.4246	145.
160.	.5098	.5171	.5124	.5236	.5138	.5187	.5300	.5242	.5128	.5076	.5155	.5250	.5296	160.
180.	.5541	.5425	.5443	.5539	.5491	.5607	.5570	.5496	.5522	.5459	.5536	.5556	.5461	180.
						FOR ALPHA = 15.51 DEG								
0.	.0612	.0604	.0612	.0791	.0735	.0810	.0694	.0705	.0665	.0715	.0721	.0679	.0690	0.
10.	.0565	.0580	.0590	.0780	.0653	.0766	.0648	.0643	.0612	.0654	.0661	.0658	.0702	10.
20.	.0591	.0597	.0582	.0808	.0653	.0864	.0668	.0654	.0637	.0659	.0668	.0667	.0738	20.
35.	.0749	.0738	.0744	.0994	.0778	.1020	.0779	.0770	.0759	.0743	.0757	.0766	.0824	35.
50.	.0839	.0839	.0849	.1089	.0891	.1118	.0931	.0951	.0918	.0897	.0879	.0897	.0943	50.
70.	.0924	.0932	.0912	.1155	.1001	.1197	.1018	.1004	.0988	.0991	.0956	.0947	.0955	70.
90.	.0749	.0744	.0723	.0980	.0848	.0888	.0919	.0896	.0886	.0865	.0843	.0813	.0804	90.
110.	.1156	.1084	.1071	.1270	.1104	.1119	.1111	.1065	.1073	.1032	.0991	.0964	.0902	110.
130.	.2688	.2746	.2670	.2892	.2930	.2895	.2808	.2839	.2885	.2946	.2873	.2862	.2815	130.
145.	.4803	.4731	.4797	.4999	.4934	.4849	.4902	.4881	.3239	.4978	.4975	.5030	.5029	145.
160.	.6481	.6447	.6469	.6550	.6450	.6515	.6546	.6532	.6393	.6338	.6522	.6524	.6637	160.
180.	.7044	.6860	.6991	.6975	.6987	.7070	.6966	.7003	.6948	.6951	.6983	.6925	.6965	180.
						FOR ALPHA = 20.51 DEG								
0.	.0342	.0336	.0341	.0533	.0480	.0551	.0438	.0443	.0391	.0457	.0462	.0420	.0416	0.
10.	.0247	.0243	.0249	.0458	.0320	.0456	.0318	.0312	.0297	.0326	.0330	.0305	.0337	10.
20.	.0160	.0157	.0145	.0389	.0235	.0458	.0246	.0231	.0215	.0246	.0244	.0228	.0284	20.
35.	.0330	.0322	.0316	.0591	.0368	.0650	.0395	.0367	.0334	.0306	.0328	.0350	.0396	35.
50.	.0493	.0483	.0465	.0754	.0535	.0787	.0589	.0572	.0559	.0525	.0528	.0574	.0593	50.
70.	.0546	.0524	.0537	.0801	.0618	.0884	.0624	.0640	.0609	.0587	.0617	.0561	.0613	70.
90.	-.0014	-.0075	-.0103	.0172	-.0051	.0006	-.0041	-.0049	-.0070	-.0104	-.0082	-.0139	-.0119	90.
110.	.0858	.0820	.0850	.1017	.0848	.0830	.0837	.0816	.0769	.0743	.0694	.0726	.0722	110.
130.	.2883	.2929	.2852	.3112	.3109	.3157	.3026	.3048	.3080	.3086	.3094	.3088	.3048	130.
145.	.5680	.5573	.5660	.5740	.5716	.5732	.5759	.5739	.3914	.5710	.5807	.5873	.5875	145.
160.	.7812	.7784	.7765	.7881	.7787	.7823	.7857	.7785	.7728	.7700	.7878	.7803	.7834	160.
180.	.8609	.8551	.8490	.8620	.8540	.8606	.8635	.8472	.8615	.8523	.8572	.8636	.8410	180.

TABLE VI. - CONTINUED

(F) MACH = 2.50, BETA = .99 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.52 DEG								
0.	.3509	.3256	.3492	.3535	.3540	.3549	.3565	.3589	.3594	.3592	.3602	.3578	.3446	.3466
10.				.3083	.2985	.3149	.3152	.3163	.3109	.3085	.3100	.3068	.2942	.2956
20.		.2733	.2543	.2544	.2487	.2382	.2509	.2481	.2456	.2544	.2473	.2499	.2387	.2395
35.				.2099	.2124	.2185	.2258	.2263	.2218	.2145	.2192	.2246	.2117	.2110
50.	.2053	.2041	.1904	.1999	.2022	.2145	.2190	.2108	.2122	.2185	.2074	.2134	.2012	.2042
70.				.1980	.2027	.2094	.2122	.2047	.2042	.2044	.2047	.2073	.1943	.1891
90.	.1935	.1925	.1898	.1866	.1992	.2025	.2061	.1999	.2015	.2013	.2004	.2020	.1885	.1868
110.					.1967	.2003	.2022	.2024	.2013	.2015	.1967	.1987	.1899	.1885
130.				.1997	.2024	.2007	.2047	.2031	.2016	.2014	.2001	.1993	.1873	.1933
145.	.2040	.1964	.1980	.2056	.2076	.2035	.2124	.2032	.2066	.2050	.2025	.2051	.1933	.1930
160.				.2033	.2056	.2061	.2104	.2086	.2080	.2079	.1993	.2041	.1906	.1929
180.	.1951	.2040	.2057	.2059	.2125	.2097	.2083	.2093	.2080	.2089	.2068	.1993	.1990	.1951
200.				.2181	.2171	.2217	.2204	.2167	.2150	.2168	.2164	.2161	.2047	.2081
215.	.2204	.2205	.2179	.2232	.2318	.2245	.2306	.2287	.2319	.2294	.2255	.2292	.2165	.2150
230.				.2284	.2322	.2385	.2358	.2373	.2383	.2371	.2328	.2317	.2248	.2251
250.					.2356	.2386	.2379	.2379	.2376	.2376	.2306	.2325	.2265	.2282
270.	.2287	.2297	.2223	.2233	.2367	.2412	.2435	.2404	.2391	.2394	.2355	.2353	.2244	.2227
290.				.2299	.2387	.2444	.2463	.2445	.2440	.2430	.2380	.2409	.2293	.2273
310.	.2421	.2407	.2238	.2357	.2414	.2506	.2543	.2485	.2523	.2552	.2445	.2483	.2393	.2422
325.				.2515	.2533	.2551	.2629	.2642	.2643	.2509	.2559	.2629	.2504	.2515
340.		.3073	.2879	.2925	.2873	.2796	.2903	.2905	.2884	.2942	.2859	.2876	.2781	.2771
350.				.3349	.3234	.3381	.3411	.3403	.3411	.3359	.3369	.3350	.3283	.3209
						FOR ALPHA = -2.49 DEG								
0.	.3072	.2851	.3034	.3067	.3105	.3069	.3124	.3152	.3146	.3135	.3100	.3086	.3030	.3054
10.				.2677	.2616	.2708	.2741	.2741	.2727	.2700	.2757	.2756	.2593	.2580
20.		.2440	.2282	.2261	.2272	.2190	.2266	.2292	.2201	.2295	.2229	.2260	.2169	.2185
35.				.1952	.1993	.2033	.2075	.2081	.2038	.1965	.2015	.2069	.1959	.1944
50.	.1925	.1925	.1780	.1896	.1912	.2016	.2063	.1979	.1978	.2069	.1969	.1982	.1904	.1882
70.				.1834	.1939	.1978	.2023	.1976	.1933	.1953	.1931	.1937	.1813	.1765
90.	.1883	.1917	.1788	.1806	.1944	.1955	.1998	.1964	.1964	.1941	.1923	.1942	.1811	.1786
110.					.1967	.1998	.1993	.2001	.1980	.1995	.1933	.1985	.1918	.1877
130.				.2082	.2124	.2099	.2101	.2142	.2126	.2157	.2088	.2124	.2014	.2053
145.	.2270	.2197	.2149	.2346	.2317	.2319	.2347	.2281	.2309	.2285	.2259	.2258	.2194	.2143
160.				.2438	.2460	.2473	.2407	.2365	.2376	.2405	.2341	.2340	.2264	.2277
180.	.2300	.2405	.2407	.2463	.2479	.2458	.2450	.2459	.2455	.2454	.2459	.2345	.2330	.2289
200.				.2499	.2568	.2609	.2536	.2543	.2515	.2558	.2512	.2487	.2339	.2393
215.	.2484	.2460	.2475	.2554	.2607	.2562	.2583	.2566	.2560	.2585	.2558	.2565	.2430	.2409
230.				.2445	.2476	.2486	.2503	.2473	.2508	.2501	.2479	.2498	.2354	.2403
250.					.2329	.2395	.2378	.2376	.2368	.2353	.2338	.2350	.2264	.2273
270.	.2227	.2270	.2123	.2204	.2284	.2323	.2389	.2332	.2327	.2300	.2254	.2311	.2181	.2166
290.				.2195	.2293	.2353	.2376	.2316	.2318	.2294	.2274	.2292	.2167	.2136
310.	.2251	.2291	.2112	.2284	.2279	.2369	.2426	.2342	.2366	.2398	.2313	.2330	.2239	.2270
325.				.2364	.2376	.2419	.2463	.2450	.2423	.2344	.2392	.2475	.2300	.2309
340.		.2759	.2630	.2655	.2635	.2588	.2676	.2666	.2623	.2656	.2600	.2638	.2537	.2550
350.				.2956	.2884	.3031	.3053	.3007	.2981	.2966	.3002	.2980	.2882	.2847
						FOR ALPHA = -1.50 DEG								
0.	.2865	.2654	.2837	.2849	.2887	.2877	.2917	.2924	.2896	.2895	.2916	.2930	.2788	.2812
10.				.2530	.2442	.2580	.2606	.2599	.2563	.2551	.2574	.2570	.2450	.2426
20.		.2311	.2170	.2172	.2175	.2096	.2155	.2176	.2129	.2192	.2154	.2178	.2074	.2085
35.				.1909	.1938	.1982	.2028	.2010	.2017	.1907	.1964	.2019	.1894	.1895
50.	.1859	.1893	.1729	.1867	.1861	.1945	.1997	.1936	.1941	.2018	.1912	.1911	.1830	.1837
70.				.1790	.1892	.1959	.1982	.1914	.1917	.1909	.1895	.1912	.1771	.1764
90.	.1850	.1857	.1740	.1776	.1896	.1949	.1974	.1933	.1939	.1905	.1879	.1904	.1800	.1773
110.					.1957	.2011	.1999	.2002	.2001	.2000	.1967	.1980	.1879	.1891
130.				.2161	.2182	.2211	.2200	.2166	.2178	.2192	.2183	.2167	.2048	.2115
145.	.2421	.2302	.2315	.2449	.2444	.2469	.2476	.2418	.2441	.2440	.2400	.2397	.2291	.2286
160.				.2599	.2579	.2640	.2594	.2580	.2607	.2586	.2558	.2564	.2401	.2422
180.	.2450	.2571	.2601	.2649	.2678	.2671	.2655	.2693	.2659	.2636	.2662	.2531	.2545	.2501
200.				.2703	.2769	.2740	.2752	.2722	.2744	.2695	.2728	.2708	.2556	.2546
215.	.2633	.2621	.2624	.2715	.2736	.2707	.2721	.2703	.2721	.2652	.2721	.2700	.2617	.2544
230.				.2517	.2500	.2571	.2554	.2563	.2524	.2524	.2564	.2555	.2469	.2461
250.					.2278	.2391	.2366	.2404	.2374	.2332	.2340	.2312	.2272	.2256
270.	.2175	.2228	.2115	.2127	.2258	.2319	.2329	.2327	.2268	.2236	.2238	.2276	.2138	.2116
290.				.2146	.2238	.2307	.2301	.2270	.2257	.2220	.2223	.2231	.2077	.2097
310.	.2166	.2230	.2060	.2189	.2207	.2325	.2373	.2269	.2269	.2330	.2228	.2264	.2151	.2194
325.				.2279	.2285	.2345	.2378	.2350	.2341	.2220	.2302	.2361	.2246	.2263
340.		.2618	.2489	.2499	.2535	.2452	.2546	.2532	.2500	.2533	.2492	.2536	.2400	.2419
350.				.2766	.2684	.2824	.2865	.2863	.2838	.2780	.2824	.2791	.2671	.2650
						FOR ALPHA = -.50 DEG								
0.	.2662	.2462	.2666	.2623	.2692	.2678	.2704	.2697	.2703	.2725	.2726	.2709	.2623	.2634
10.				.2341	.2307	.2430	.2443	.2396	.2370	.2363	.2438	.2390	.2295	.2274
20.		.2184	.2076	.2053	.2053	.2005	.2060	.2033	.2000	.2102	.2052	.2064	.1928	.1954
35.				.1859	.1861	.1908	.1947	.1929	.1890	.1834	.1897	.1951	.1805	.1814
50.	.1787	.1832	.1689	.1818	.1792	.1883	.1931	.1850	.1863	.1944	.1859	.1853	.1740	.1764
70.				.1736	.1802	.1871	.1899	.1887	.1858	.1855	.1842	.1855	.1721	.1682
90.	.1802	.1854	.1736	.1772	.1822	.1893	.1925	.1913	.1891	.1855	.1838	.1865	.1748	.1731
110.					.1888	.1968	.1985	.1994	.1970	.1937	.1924	.1935	.1902	.1875
130.				.2181	.2185	.2208	.2232	.2195	.2215	.2216	.2223	.2223	.2126	.2156
145.	.2534	.2456	.2454	.2563	.2568	.2561	.2589	.2532	.2512	.2523	.2543	.2519	.2426	.2398
160.				.2735	.2801	.2809	.2735	.2748	.2730	.2725	.2731	.2730	.2556	.2622
180.	.2656	.2758	.2824	.2862	.2868	.2869	.2815	.2867	.2838	.2864	.2865	.2742	.2723	.2691
200.				.2869	.2920	.2944	.2895	.2874	.2912	.2893	.2903	.2852	.2731	.2746
215.	.2763	.2716	.2691	.2841	.2878	.2865	.2833	.2818	.2844	.2797	.2828	.2831	.2713	.2657
230.				.2564	.2573	.2589	.2564	.2610	.2584	.2564	.2597	.2576	.2494	.2519
250.					.2266	.2332	.2324	.2341	.2319	.2304	.2269	.2295	.2238	.2247
270.	.2124	.2167	.2064	.2079	.2173	.2268	.2258	.2246	.2226	.2187	.2175	.2197	.2082	.2064
290.				.2050	.2162	.2236	.2252	.2194	.2188	.2163	.2154	.2170	.2044	.2009
310.	.2089	.2167	.1983	.2128	.2139	.2244	.2278	.2180	.2176	.2229	.2178	.2184	.2062	.2086
325.				.2195	.2207	.2250	.2279	.2275	.2228	.2129	.2225	.2257	.2108	.2167
340.		.2470	.2382	.2355	.2377	.2356	.2411	.2386	.2343	.2398	.2360	.2372	.2249	.2302
350.				.2574	.2514	.2656	.2657	.2614	.2652	.2614	.2647	.2627	.2533	.2480

TABLE VI. - CONTINUED

(F) MACH = 2.50, BETA = .99 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.52 DEG								
0.	.3547	.3492	.3521	.3664	.3600	.3616	.3616	.3635	.3593	.3604	.3609	.3661	.3652	0.
10.	.2990	.3005	.3059	.3206	.3126	.3173	.3131	.3131	.3039	.3122	.3175	.3104	.3230	10.
20.	.2425	.2457	.2432	.2641	.2586	.2779	.2603	.2571	.2541	.2581	.2558	.2566	.2737	20.
35.	.2168	.2160	.2168	.2391	.2188	.2399	.2207	.2198	.2223	.2184	.2195	.2163	.2247	35.
50.	.2051	.2059	.2023	.2257	.2086	.2248	.2136	.2137	.2098	.2038	.2049	.2090	.2127	50.
70.	.1928	.1940	.1915	.2142	.2018	.2212	.2074	.2051	.2004	.1988	.2015	.1951	.2009	70.
90.	.1922	.1873	.1907	.2150	.2023	.2043	.2021	.2035	.2013	.1949	.1932	.1867	.1962	90.
110.	.1960	.1909	.1930	.2072	.1965	.2004	.2043	.2026	.2017	.2035	.1975	.1980	.1923	110.
130.	.1920	.1980	.1932	.2106	.2034	.2082	.2035	.2076	.2074	.2035	.2047	.2037	.2027	130.
145.	.1970	.1906	.1915	.2044	.2025	.2060	.2041	.2017	.0838	.2061	.2072	.2093	.2069	145.
160.	.1920	.1949	.1929	.2097	.2062	.2002	.2058	.2048	.2031	.2032	.1976	.2036	.2078	160.
180.	.1982	.1919	.1940	.2048	.2069	.2068	.2039	.2017	.2031	.2038	.2021	.2032	.2005	180.
200.	.2081	.2068	.2057	.2226	.2189	.2184	.2183	.2173	.2148	.2135	.2141	.2163	.2207	200.
215.	.2177	.2137	.2180	.2334	.2238	.2274	.2261	.2281	.1035	.2262	.2302	.2324	.2349	215.
230.	.2227	.2294	.2196	.2447	.2428	.2390	.2340	.2315	.2391	.2397	.2346	.2357	.2303	230.
250.	.2338	.2219	.2236	.2430	.2331	.2375	.2340	.2321	.2375	.2409	.2353	.2284	.2242	250.
270.	.2260	.2233	.2225	.2468	.2410	.2382	.2396	.2370	.2363	.2353	.2287	.2241	.2301	270.
290.	.2272	.2273	.2258	.2494	.2380	.2549	.2421	.2426	.2409	.2380	.2372	.2292	.2376	290.
310.	.2406	.2404	.2360	.2611	.2466	.2610	.2497	.2503	.2483	.2443	.2422	.2440	.2476	310.
325.	.2566	.2576	.2561	.2769	.2560	.2751	.2627	.2593	.2607	.2562	.2549	.2584	.2653	325.
340.	.2776	.2911	.2859	.3094	.2991	.3214	.3040	.2960	.2975	.2956	.2959	.2996	.3128	340.
350.	.3318	.3295	.3395	.3502	.3416	.3509	.3437	.3480	.3314	.3398	.3502	.3390	.3581	350.
						FOR ALPHA = -2.49 DEG								
0.	.3077	.3028	.3074	.3248	.3176	.3207	.3145	.3175	.3158	.3175	.3200	.3181	.3190	0.
10.	.2628	.2659	.2680	.2883	.2812	.2820	.2799	.2755	.2713	.2802	.2799	.2766	.2844	10.
20.	.2170	.2246	.2187	.2419	.2344	.2555	.2393	.2313	.2304	.2331	.2324	.2351	.2467	20.
35.	.2001	.2021	.2032	.2232	.2038	.2233	.2085	.2083	.2076	.2045	.2028	.2043	.2132	35.
50.	.1894	.1901	.1866	.2121	.1936	.2112	.1987	.1993	.1977	.1912	.1914	.1937	.1980	50.
70.	.1796	.1823	.1798	.2065	.1890	.2075	.1946	.1928	.1949	.1871	.1888	.1829	.1892	70.
90.	.1859	.1834	.1819	.2049	.1924	.1982	.1979	.1935	.1899	.1850	.1884	.1831	.1878	90.
110.	.1959	.1877	.1885	.2059	.1960	.2000	.1993	.1967	.1982	.2014	.1967	.1934	.1887	110.
130.	.2033	.2081	.2055	.2287	.2191	.2201	.2135	.2192	.2241	.2186	.2184	.2153	.2153	130.
145.	.2162	.2096	.2222	.2318	.2251	.2248	.2209	.2320	.1127	.2288	.2284	.2286	.2361	145.
160.	.2289	.2257	.2299	.2480	.2389	.2402	.2369	.2402	.2393	.2345	.2356	.2355	.2459	160.
180.	.2328	.2288	.2312	.2430	.2441	.2425	.2416	.2392	.2402	.2388	.2360	.2396	.2388	180.
200.	.2424	.2425	.2431	.2604	.2528	.2530	.2537	.2549	.2520	.2479	.2469	.2500	.2593	200.
215.	.2431	.2423	.2431	.2592	.2530	.2529	.2559	.2530	.1320	.2547	.2533	.2619	.2585	215.
230.	.2369	.2420	.2373	.2619	.2589	.2550	.2467	.2515	.2569	.2562	.2512	.2487	.2495	230.
250.	.2316	.2224	.2250	.2425	.2334	.2363	.2364	.2355	.2377	.2420	.2347	.2307	.2268	250.
270.	.2180	.2180	.2154	.2395	.2292	.2307	.2354	.2311	.2286	.2232	.2209	.2189	.2238	270.
290.	.2185	.2180	.2174	.2401	.2275	.2427	.2323	.2343	.2313	.2267	.2242	.2185	.2284	290.
310.	.2250	.2257	.2243	.2456	.2306	.2486	.2362	.2382	.2323	.2281	.2292	.2290	.2348	310.
325.	.2389	.2384	.2395	.2606	.2428	.2622	.2466	.2437	.2434	.2416	.2411	.2427	.2494	325.
340.	.2567	.2591	.2590	.2829	.2730	.2971	.2727	.2699	.2690	.2696	.2708	.2663	.2840	340.
350.	.2933	.2916	.2981	.3163	.3081	.3103	.3063	.3057	.2969	.3063	.3083	.3017	.3154	350.
						FOR ALPHA = -1.50 DEG								
0.	.2826	.2854	.2850	.3044	.2960	.2978	.2965	.2941	.2944	.2962	.2970	.3009	.2963	0.
10.	.2466	.2521	.2519	.2718	.2641	.2651	.2655	.2597	.2540	.2630	.2626	.2625	.2683	10.
20.	.2066	.2135	.2107	.2339	.2255	.2440	.2278	.2226	.2215	.2235	.2213	.2239	.2374	20.
35.	.1936	.1936	.1951	.2164	.1980	.2166	.2009	.2005	.2007	.1992	.1957	.1969	.2059	35.
50.	.1837	.1857	.1824	.2059	.1897	.2070	.1952	.1958	.1920	.1876	.1873	.1901	.1948	50.
70.	.1775	.1782	.1767	.2002	.1852	.2036	.1907	.1905	.1885	.1838	.1850	.1802	.1876	70.
90.	.1828	.1802	.1775	.2011	.1934	.1942	.1941	.1896	.1874	.1871	.1851	.1795	.1836	90.
110.	.1956	.1887	.1921	.2074	.1963	.1997	.2000	.2001	.1991	.2015	.1959	.1946	.1925	110.
130.	.2079	.2126	.2094	.2292	.2256	.2239	.2174	.2225	.2239	.2253	.2220	.2205	.2191	130.
145.	.2316	.2275	.2351	.2446	.2401	.2402	.2406	.2454	.1269	.2441	.2440	.2478	.2498	145.
160.	.2446	.2466	.2440	.2625	.2572	.2563	.2585	.2549	.2535	.2509	.2514	.2558	.2606	160.
180.	.2526	.2489	.2504	.2618	.2619	.2638	.2623	.2573	.2589	.2568	.2564	.2602	.2565	180.
200.	.2536	.2596	.2621	.2820	.2709	.2655	.2703	.2727	.2733	.2655	.2607	.2667	.2772	200.
215.	.2557	.2578	.2586	.2770	.2682	.2650	.2713	.2688	.1484	.2710	.2665	.2780	.2759	215.
230.	.2435	.2531	.2448	.2705	.2619	.2615	.2579	.2576	.2666	.2604	.2584	.2612	.2559	230.
250.	.2298	.2223	.2245	.2414	.2313	.2336	.2363	.2340	.2362	.2396	.2324	.2312	.2268	250.
270.	.2155	.2113	.2114	.2325	.2272	.2280	.2277	.2265	.2219	.2213	.2187	.2115	.2197	270.
290.	.2109	.2131	.2102	.2319	.2222	.2370	.2265	.2254	.2224	.2215	.2176	.2134	.2211	290.
310.	.2166	.2205	.2185	.2417	.2277	.2415	.2303	.2316	.2275	.2250	.2215	.2237	.2295	310.
325.	.2279	.2308	.2284	.2512	.2342	.2503	.2388	.2328	.2341	.2326	.2281	.2349	.2385	325.
340.	.2397	.2481	.2499	.2671	.2617	.2836	.2598	.2599	.2531	.2575	.2587	.2543	.2751	340.
350.	.2754	.2770	.2790	.2926	.2890	.2909	.2892	.2850	.2735	.2867	.2878	.2869	.2954	350.
						FOR ALPHA = -.50 DEG								
0.	.2652	.2663	.2640	.2848	.2780	.2807	.2765	.2728	.2751	.2786	.2797	.2811	.2744	0.
10.	.2337	.2337	.2367	.2596	.2482	.2525	.2454	.2429	.2411	.2468	.2495	.2431	.2515	10.
20.	.1966	.2047	.2005	.2245	.2153	.2353	.2170	.2111	.2109	.2127	.2125	.2135	.2262	20.
35.	.1849	.1889	.1862	.2051	.1875	.2084	.1963	.1909	.1892	.1879	.1871	.1933	.1970	35.
50.	.1788	.1793	.1752	.1977	.1828	.2003	.1887	.1882	.1837	.1813	.1797	.1839	.1881	50.
70.	.1733	.1739	.1714	.1924	.1792	.2006	.1860	.1847	.1805	.1776	.1819	.1771	.1826	70.
90.	.1773	.1763	.1719	.1966	.1844	.1876	.1899	.1840	.1841	.1795	.1795	.1767	.1794	90.
110.	.1922	.1865	.1882	.2040	.1933	.1950	.1971	.1946	.1947	.1984	.1928	.1925	.1894	110.
130.	.2080	.2158	.2126	.2395	.2310	.2245	.2190	.2249	.2348	.2301	.2227	.2232	.2239	130.
145.	.2411	.2387	.2411	.2577	.2535	.2497	.2532	.2505	.1399	.2567	.2540	.2614	.2581	145.
160.	.2630	.2665	.2664	.2810	.2755	.2750	.2790	.2784	.2718	.2685	.2706	.2759	.2847	160.
180.	.2712	.2701	.2690	.2794	.2831	.2825	.2854	.2773	.2767	.2780	.2747	.2823	.2752	180.
200.	.2746	.2779	.2762	.2969	.2884	.2883	.2916	.2875	.2875	.2829	.2831	.2878	.2902	200.
215.	.2686	.2626	.2702	.2877	.2804	.2796	.2777	.2816	.1585	.2839	.2806	.2823	.2873	215.
230.	.2439	.2556	.2466	.2712	.2697	.2636	.2608	.2609	.2676	.2693	.2603	.2634	.2584	230.
250.	.2279	.2186	.2213	.2388	.2291	.2322	.2331	.2316	.2327	.2367	.2302	.2278	.2241	250.
270.	.2084	.2093	.2059	.2306	.2199	.2199	.2269	.2217	.2203	.2147	.2099	.2096	.2141	270.
290.	.2033	.2080	.2038	.2257	.2126	.2313	.2227	.2193	.2155	.2113	.2117	.2094	.2148	290.
310.	.2077	.2097	.2066	.2302	.2206	.2330	.2208	.2203	.2155	.2173	.2128	.2141	.2172	310.
325.	.2177	.2197	.2204	.2398	.2243	.2429	.2290	.2264	.2237	.2240	.2208	.2239	.2313	325.
340.	.2290	.2381	.2354	.2587	.2479	.2684	.2495	.2452	.2442	.2445	.2451	.2454	.2596	340.
350.	.2564	.2573	.2585	.2793	.2717	.2732	.2691	.2644	.2596	.2698	.2699	.2670	.2737	350.

TABLE VI. - CONTINUED

(F) MACH = 2.50, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = .51 DEG								
0.	.2472	.2279	.2436	.2448	.2469	.2486	.2500	.2515	.2523	.2536	.2524	.2526	.2429	.2418
10.				.2215	.2142	.2226	.2289	.2243	.2265	.2204	.2279	.2247	.2152	.2162
20.		.2062	.1940	.1950	.1962	.1893	.1978	.1956	.1947	.1956	.1936	.1967	.1856	.1878
35.				.1802	.1790	.1824	.1858	.1855	.1842	.1768	.1797	.1887	.1735	.1754
50.	.1730	.1782	.1615	.1748	.1752	.1851	.1859	.1786	.1795	.1885	.1787	.1803	.1699	.1732
70.				.1697	.1778	.1829	.1856	.1808	.1812	.1805	.1781	.1788	.1673	.1655
90.	.1783	.1788	.1726	.1743	.1775	.1849	.1866	.1860	.1843	.1830	.1821	.1815	.1705	.1686
110.					.1885	.1936	.1927	.1946	.1962	.1951	.1898	.1919	.1862	.1856
130.				.2229	.2241	.2251	.2281	.2228	.2269	.2249	.2215	.2238	.2153	.2174
145.	.2719	.2567	.2544	.2714	.2690	.2685	.2686	.2667	.2651	.2643	.2606	.2651	.2538	.2540
160.				.2939	.2990	.2941	.3002	.2980	.2959	.2939	.2919	.2918	.2792	.2813
180.	.2848	.2961	.2980	.3082	.3084	.3070	.3042	.3084	.3093	.3073	.3064	.2947	.2972	.2908
200.				.3069	.3153	.3161	.3074	.3131	.3124	.3083	.3073	.3103	.2960	.2970
215.	.2905	.2853	.2867	.3016	.3005	.2972	.3024	.3005	.3010	.2963	.2989	.3010	.2867	.2865
230.				.2603	.2607	.2649	.2673	.2654	.2664	.2652	.2657	.2666	.2572	.2574
250.					.2276	.2331	.2333	.2322	.2336	.2304	.2284	.2283	.2214	.2221
270.	.2097	.2101	.2014	.2055	.2152	.2231	.2225	.2195	.2176	.2140	.2134	.2156	.2021	.2017
290.				.2013	.2123	.2182	.2196	.2130	.2122	.2107	.2107	.2105	.1974	.1970
310.	.2029	.2107	.1927	.2053	.2074	.2169	.2203	.2106	.2124	.2194	.2104	.2105	.2010	.2034
325.				.2114	.2130	.2183	.2175	.2171	.2166	.2066	.2128	.2196	.2061	.2081
340.		.2331	.2238	.2238	.2297	.2231	.2278	.2275	.2233	.2311	.2256	.2269	.2166	.2184
350.				.2406	.2347	.2465	.2498	.2476	.2483	.2424	.2467	.2463	.2371	.2314
						FOR ALPHA = 1.50 DEG								
0.	.2288	.2108	.2262	.2263	.2297	.2317	.2316	.2358	.2335	.2349	.2337	.2335	.2258	.2247
10.				.2039	.1995	.2094	.2096	.2100	.2117	.2080	.2111	.2102	.1989	.1960
20.		.1937	.1817	.1829	.1866	.1798	.1849	.1858	.1817	.1868	.1834	.1856	.1747	.1768
35.				.1709	.1709	.1781	.1792	.1779	.1789	.1688	.1710	.1776	.1671	.1690
50.	.1659	.1721	.1552	.1678	.1674	.1749	.1811	.1726	.1752	.1815	.1717	.1713	.1631	.1640
70.				.1623	.1708	.1767	.1803	.1749	.1749	.1730	.1749	.1738	.1613	.1621
90.	.1725	.1717	.1636	.1662	.1732	.1820	.1833	.1805	.1824	.1765	.1734	.1781	.1656	.1661
110.					.1852	.1873	.1877	.1909	.1937	.1898	.1868	.1891	.1821	.1817
130.				.2252	.2256	.2301	.2256	.2224	.2288	.2278	.2276	.2287	.2182	.2242
145.	.2808	.2658	.2709	.2829	.2811	.2848	.2783	.2778	.2753	.2743	.2743	.2744	.2648	.2654
160.				.3140	.3159	.3208	.3103	.3126	.3136	.3110	.3142	.3062	.2961	.3029
180.	.3043	.3156	.3203	.3257	.3299	.3293	.3281	.3325	.3275	.3309	.3277	.3169	.3181	.3125
200.				.3250	.3370	.3359	.3304	.3334	.3301	.3339	.3266	.3303	.3141	.3225
215.	.3075	.2984	.2991	.3120	.3182	.3107	.3152	.3135	.3144	.3109	.3085	.3082	.2983	.3005
230.				.2654	.2690	.2673	.2671	.2648	.2701	.2674	.2661	.2657	.2601	.2634
250.					.2228	.2301	.2271	.2268	.2287	.2276	.2239	.2276	.2195	.2164
270.	.2066	.2058	.1987	.1996	.2075	.2139	.2165	.2141	.2119	.2093	.2090	.2099	.1982	.1965
290.				.1945	.2061	.2096	.2151	.2072	.2046	.2050	.2054	.2060	.1923	.1902
310.	.1958	.2085	.1875	.1985	.2001	.2088	.2122	.2037	.2061	.2112	.2036	.2039	.1919	.1980
325.				.2029	.2044	.2088	.2110	.2086	.2081	.1948	.2029	.2067	.1966	.1969
340.		.2201	.2105	.2124	.2165	.2118	.2174	.2146	.2157	.2181	.2127	.2133	.2066	.2062
350.				.2248	.2169	.2299	.2290	.2325	.2307	.2283	.2312	.2285	.2208	.2158
						FOR ALPHA = 2.50 DEG								
0.	.2099	.1975	.2087	.2106	.2126	.2123	.2163	.2179	.2181	.2174	.2186	.2185	.2076	.2063
10.				.1905	.1846	.1967	.1960	.1948	.1944	.1909	.1953	.1935	.1867	.1827
20.		.1831	.1715	.1732	.1774	.1704	.1758	.1787	.1727	.1791	.1715	.1755	.1657	.1665
35.				.1650	.1634	.1697	.1719	.1703	.1694	.1597	.1647	.1706	.1584	.1587
50.	.1602	.1694	.1501	.1595	.1622	.1697	.1735	.1674	.1690	.1754	.1655	.1659	.1584	.1576
70.				.1559	.1674	.1703	.1738	.1696	.1696	.1675	.1689	.1687	.1562	.1539
90.	.1689	.1677	.1620	.1617	.1661	.1730	.1774	.1754	.1736	.1719	.1697	.1721	.1622	.1613
110.					.1821	.1827	.1856	.1846	.1894	.1886	.1824	.1847	.1787	.1793
130.				.2284	.2284	.2246	.2288	.2224	.2321	.2288	.2275	.2305	.2223	.2238
145.	.3003	.2804	.2820	.2974	.2949	.2994	.2935	.2918	.2949	.2853	.2828	.2876	.2801	.2782
160.				.3347	.3363	.3406	.3324	.3367	.3338	.3321	.3266	.3326	.3101	.3247
180.	.3278	.3417	.3439	.3522	.3549	.3538	.3508	.3541	.3512	.3518	.3513	.3439	.3441	.3381
200.				.3469	.3525	.3533	.3511	.3548	.3572	.3561	.3488	.3504	.3368	.3403
215.	.3238	.3112	.3069	.3265	.3293	.3262	.3303	.3284	.3265	.3208	.3202	.3223	.3159	.3101
230.				.2721	.2754	.2721	.2746	.2697	.2709	.2701	.2704	.2691	.2617	.2686
250.					.2188	.2228	.2238	.2240	.2234	.2242	.2194	.2204	.2151	.2160
270.	.2009	.2006	.1952	.1923	.2006	.2074	.2085	.2059	.2066	.2024	.2019	.2060	.1945	.1929
290.				.1869	.1994	.2026	.2045	.2007	.2016	.1980	.1985	.1991	.1877	.1866
310.	.1893	.2030	.1814	.1905	.1919	.2000	.2056	.1974	.1994	.2027	.1945	.1965	.1862	.1895
325.				.1978	.1942	.1996	.2010	.2008	.2011	.1881	.1944	.1991	.1883	.1893
340.		.2079	.1944	.2003	.2025	.1984	.2071	.2059	.2025	.2063	.2012	.2032	.1969	.1968
350.				.2101	.2026	.2135	.2164	.2163	.2149	.2098	.2139	.2143	.2037	.2022
						FOR ALPHA = 3.51 DEG								
0.	.1947	.1784	.1884	.1932	.1952	.1965	.1995	.1973	.2014	.2028	.2016	.2023	.1915	.1911
10.				.1779	.1703	.1799	.1858	.1820	.1814	.1801	.1807	.1820	.1727	.1714
20.		.1724	.1609	.1642	.1690	.1615	.1691	.1683	.1663	.1695	.1643	.1663	.1541	.1589
35.				.1575	.1572	.1619	.1652	.1647	.1634	.1526	.1578	.1658	.1526	.1534
50.	.1551	.1626	.1448	.1515	.1559	.1642	.1674	.1601	.1609	.1705	.1604	.1615	.1520	.1545
70.				.1486	.1595	.1650	.1672	.1642	.1618	.1626	.1626	.1646	.1524	.1496
90.	.1639	.1632	.1584	.1581	.1610	.1685	.1719	.1676	.1680	.1671	.1665	.1675	.1559	.1540
110.					.1781	.1821	.1819	.1828	.1843	.1827	.1790	.1789	.1754	.1727
130.				.2305	.2325	.2293	.2344	.2288	.2349	.2319	.2323	.2325	.2237	.2258
145.	.3180	.2942	.2907	.3078	.3082	.3079	.3082	.3049	.3044	.3041	.3001	.3057	.2935	.2883
160.				.3521	.3572	.3606	.3515	.3535	.3552	.3547	.3509	.3576	.3402	.3405
180.	.3490	.3640	.3680	.3712	.3792	.3748	.3708	.3750	.3754	.3775	.3761	.3628	.3662	.3593
200.				.3677	.3757	.3755	.3745	.3786	.3732	.3749	.3709	.3675	.3570	.3611
215.	.3436	.3261	.3248	.3426	.3403	.3410	.3399	.3379	.3392	.3377	.3369	.3358	.3332	.3320
230.				.2739	.2767	.2723	.2753	.2735	.2780	.2764	.2738	.2697	.2667	.2685
250.					.2146	.2211	.2182	.2211	.2213	.2212	.2152	.2169	.2130	.2106
270.	.1947	.1950	.1895	.1897	.1949	.2015	.2017	.2005	.1978	.1981	.1965	.1988	.1867	.1857
290.				.1823	.1914	.1949	.1985	.1948	.1932	.1925	.1937	.1937	.1826	.1778
310.	.1820	.1921	.1741	.1804	.1861	.1932	.1967	.1891	.1912	.1976	.1876	.1888	.1798	.1847
325.				.1874	.1871	.1922	.1936	.1939	.1899	.1801	.1867	.1939	.1824	.1826
340.		.1955	.1810	.1864	.1948	.1889	.1961	.1945	.1923	.1944	.1900	.1907	.1813	.1836
350.				.1942	.1889	.1999	.2034	.2022	.2021	.1976	.1988	.1982	.1927	.1908

TABLE VI. - CONTINUED

(F) MACH = 2.50, BETA = .99 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = .51 DEG								
0.	.2439	.2464	.2470	.2665	.2564	.2597	.2558	.2555	.2572	.2573	.2583	.2598	.2561	0.
10.	.2150	.2186	.2212	.2406	.2309	.2334	.2312	.2278	.2225	.2299	.2297	.2281	.2346	10.
20.	.1871	.1928	.1931	.2166	.2096	.2232	.2053	.2034	.2021	.2069	.2005	.2011	.2172	20.
35.	.1772	.1811	.1793	.2010	.1828	.2028	.1893	.1852	.1847	.1829	.1815	.1864	.1907	35.
50.	.1688	.1710	.1695	.1923	.1783	.1941	.1815	.1833	.1783	.1767	.1733	.1759	.1816	50.
70.	.1699	.1661	.1668	.1891	.1766	.1930	.1789	.1811	.1773	.1754	.1736	.1687	.1780	70.
90.	.1737	.1706	.1682	.1923	.1819	.1847	.1855	.1817	.1805	.1773	.1768	.1718	.1760	90.
110.	.1915	.1836	.1841	.2008	.1902	.1943	.1946	.1905	.1912	.1945	.1908	.1895	.1849	110.
130.	.2156	.2209	.2178	.2427	.2337	.2331	.2249	.2304	.2372	.2322	.2306	.2282	.2295	130.
145.	.2582	.2458	.2532	.2678	.2641	.2678	.2592	.2619	.1484	.2670	.2715	.2670	.2694	145.
160.	.2811	.2765	.2813	.2998	.2968	.2941	.2914	.2942	.2914	.2910	.2886	.2873	.2993	160.
180.	.2941	.2878	.2923	.3042	.3042	.3055	.3044	.3018	.3017	.2990	.2971	.3013	.2990	180.
200.	.2964	.2973	.3022	.3175	.3135	.3105	.3117	.3150	.3072	.3074	.3063	.3086	.3195	200.
215.	.2817	.2819	.2854	.3022	.2934	.2927	.2972	.2963	.1690	.2971	.2959	.3031	.3027	215.
230.	.2511	.2624	.2558	.2777	.2744	.2698	.2663	.2704	.2743	.2740	.2689	.2695	.2697	230.
250.	.2257	.2189	.2188	.2355	.2261	.2277	.2319	.2282	.2289	.2325	.2252	.2272	.2215	250.
270.	.2082	.2055	.2012	.2233	.2168	.2199	.2220	.2166	.2124	.2117	.2102	.2049	.2091	270.
290.	.2005	.2014	.2010	.2221	.2095	.2283	.2149	.2149	.2109	.2076	.2087	.2026	.2111	290.
310.	.2027	.2032	.2030	.2280	.2136	.2264	.2143	.2161	.2127	.2104	.2054	.2080	.2134	310.
325.	.2092	.2117	.2127	.2335	.2160	.2354	.2203	.2189	.2175	.2155	.2124	.2162	.2245	325.
340.	.2192	.2245	.2232	.2469	.2348	.2556	.2342	.2317	.2319	.2320	.2319	.2311	.2457	340.
350.	.2381	.2428	.2465	.2665	.2545	.2546	.2537	.2529	.2480	.2528	.2514	.2522	.2616	350.
						FOR ALPHA = 1.50 DEG								
0.	.2273	.2278	.2281	.2479	.2384	.2415	.2367	.2367	.2389	.2395	.2401	.2398	.2367	0.
10.	.2022	.2043	.2062	.2290	.2197	.2200	.2163	.2130	.2115	.2186	.2156	.2127	.2190	10.
20.	.1774	.1823	.1803	.2040	.1927	.2142	.1932	.1894	.1893	.1900	.1914	.1889	.2017	20.
35.	.1712	.1725	.1736	.1929	.1747	.1952	.1806	.1797	.1760	.1746	.1744	.1782	.1858	35.
50.	.1628	.1646	.1633	.1877	.1735	.1898	.1754	.1768	.1736	.1719	.1686	.1697	.1755	50.
70.	.1626	.1590	.1596	.1834	.1686	.1880	.1719	.1740	.1718	.1671	.1681	.1616	.1717	70.
90.	.1683	.1648	.1599	.1860	.1791	.1792	.1806	.1743	.1743	.1752	.1716	.1672	.1687	90.
110.	.1859	.1814	.1801	.1967	.1885	.1881	.1924	.1876	.1870	.1933	.1851	.1870	.1819	110.
130.	.2173	.2201	.2212	.2435	.2392	.2354	.2237	.2333	.2382	.2378	.2323	.2277	.2334	130.
145.	.2643	.2625	.2679	.2824	.2787	.2754	.2776	.2782	.1606	.2824	.2789	.2854	.2868	145.
160.	.3001	.2994	.3010	.3166	.3140	.3126	.3141	.3135	.3075	.3082	.3059	.3090	.3184	160.
180.	.3163	.3108	.3120	.3256	.3298	.3275	.3270	.3217	.3247	.3245	.3186	.3239	.3187	180.
200.	.3134	.3174	.3152	.3354	.3340	.3255	.3316	.3288	.3264	.3273	.3213	.3296	.3326	200.
215.	.2955	.2939	.2969	.3129	.3098	.3040	.3091	.3081	.1772	.3147	.3079	.3159	.3135	215.
230.	.2568	.2673	.2577	.2840	.2750	.2748	.2709	.2712	.2805	.2743	.2739	.2750	.2712	230.
250.	.2247	.2182	.2167	.2341	.2229	.2261	.2316	.2248	.2272	.2290	.2235	.2265	.2188	250.
270.	.2023	.2009	.1969	.2189	.2095	.2138	.2172	.2123	.2082	.2039	.2042	.2006	.2052	270.
290.	.1906	.1926	.1923	.2149	.2060	.2211	.2061	.2053	.2024	.2037	.2015	.1953	.2016	290.
310.	.1941	.1948	.1945	.2194	.2034	.2206	.2056	.2069	.2048	.2003	.1991	.1986	.2047	310.
325.	.2016	.2037	.2027	.2263	.2063	.2287	.2117	.2079	.2104	.2055	.2066	.2082	.2143	325.
340.	.2087	.2120	.2103	.2343	.2233	.2427	.2210	.2179	.2191	.2209	.2204	.2179	.2326	340.
350.	.2232	.2239	.2317	.2488	.2358	.2408	.2344	.2386	.2310	.2347	.2368	.2328	.2466	350.
						FOR ALPHA = 2.50 DEG								
0.	.2099	.2095	.2123	.2274	.2191	.2227	.2190	.2226	.2184	.2204	.2204	.2205	.2209	0.
10.	.1883	.1921	.1930	.2123	.2017	.2080	.2046	.2006	.1952	.2010	.2029	.2000	.2058	10.
20.	.1673	.1734	.1717	.1967	.1832	.2027	.1839	.1809	.1815	.1807	.1798	.1796	.1925	20.
35.	.1625	.1645	.1640	.1865	.1667	.1875	.1724	.1695	.1695	.1666	.1665	.1698	.1751	35.
50.	.1584	.1561	.1566	.1802	.1639	.1828	.1669	.1703	.1656	.1621	.1617	.1607	.1692	50.
70.	.1560	.1547	.1552	.1802	.1639	.1855	.1681	.1692	.1681	.1623	.1662	.1581	.1664	70.
90.	.1632	.1594	.1559	.1801	.1707	.1750	.1756	.1703	.1690	.1677	.1675	.1618	.1641	90.
110.	.1821	.1766	.1748	.1939	.1854	.1842	.1876	.1822	.1853	.1903	.1812	.1814	.1763	110.
130.	.2197	.2262	.2228	.2462	.2435	.2382	.2301	.2357	.2402	.2415	.2351	.2343	.2356	130.
145.	.2816	.2729	.2804	.2970	.2895	.2924	.2886	.2899	.1762	.2923	.2970	.2968	.2989	145.
160.	.3189	.3190	.3241	.3424	.3348	.3315	.3344	.3363	.3341	.3289	.3261	.3284	.3398	160.
180.	.3347	.3313	.3328	.3445	.3512	.3469	.3483	.3432	.3439	.3467	.3382	.3444	.3387	180.
200.	.3353	.3388	.3412	.3579	.3483	.3475	.3547	.3560	.3490	.3421	.3418	.3519	.3599	200.
215.	.3084	.3011	.3102	.3274	.3233	.3163	.3186	.3228	.1919	.3288	.3202	.3248	.3292	215.
230.	.2612	.2675	.2613	.2861	.2808	.2803	.2719	.2761	.2825	.2804	.2785	.2757	.2738	230.
250.	.2203	.2134	.2129	.2312	.2216	.2226	.2271	.2221	.2237	.2271	.2183	.2201	.2148	250.
270.	.1951	.1935	.1914	.2152	.2067	.2074	.2112	.2070	.2039	.2015	.1967	.1933	.1989	270.
290.	.1880	.1882	.1869	.2114	.1985	.2159	.2018	.2001	.1988	.1965	.1968	.1907	.1953	290.
310.	.1881	.1890	.1875	.2118	.1966	.2119	.2011	.2020	.1978	.1936	.1898	.1929	.1981	310.
325.	.1912	.1929	.1949	.2190	.1984	.2165	.2017	.2016	.2023	.1982	.1945	.1983	.2071	325.
340.	.1948	.2015	.2022	.2211	.2110	.2329	.2113	.2112	.2055	.2091	.2106	.2077	.2238	340.
350.	.2097	.2091	.2147	.2323	.2191	.2225	.2208	.2227	.2153	.2184	.2178	.2176	.2289	350.
						FOR ALPHA = 3.51 DEG								
0.	.1941	.1940	.1936	.2133	.2039	.2095	.2040	.2040	.2045	.2047	.2060	.2044	.2021	0.
10.	.1765	.1769	.1785	.1992	.1885	.1937	.1884	.1859	.1821	.1878	.1873	.1839	.1904	10.
20.	.1583	.1650	.1615	.1865	.1750	.1934	.1753	.1710	.1704	.1720	.1703	.1706	.1819	20.
35.	.1571	.1569	.1578	.1774	.1613	.1797	.1645	.1636	.1600	.1612	.1584	.1624	.1696	35.
50.	.1528	.1521	.1513	.1764	.1600	.1779	.1635	.1650	.1616	.1586	.1567	.1578	.1639	50.
70.	.1514	.1503	.1526	.1750	.1617	.1806	.1637	.1674	.1623	.1607	.1612	.1546	.1644	70.
90.	.1591	.1553	.1519	.1773	.1666	.1713	.1716	.1670	.1664	.1639	.1639	.1579	.1609	90.
110.	.1782	.1709	.1725	.1880	.1773	.1799	.1816	.1812	.1780	.1814	.1759	.1750	.1743	110.
130.	.2235	.2317	.2237	.2494	.2426	.2422	.2359	.2361	.2443	.2410	.2390	.2403	.2367	130.
145.	.2951	.2822	.2897	.3109	.3002	.3058	.2980	.3001	.1940	.3033	.3104	.3057	.3093	145.
160.	.3378	.3449	.3433	.3617	.3507	.3499	.3612	.3562	.3515	.3446	.3432	.3562	.3607	160.
180.	.3624	.3538	.3599	.3712	.3696	.3749	.3705	.3708	.3707	.3654	.3661	.3657	.3661	180.
200.	.3564	.3553	.3579	.3815	.3753	.3670	.3695	.3737	.3722	.3697	.3616	.3654	.3788	200.
215.	.3305	.3194	.3235	.3431	.3333	.3403	.3366	.3356	.2095	.3386	.3453	.3436	.3418	215.
230.	.2642	.2691	.2654	.2921	.2843	.2826	.2729	.2801	.2893	.2844	.2812	.2769	.2785	230.
250.	.2174	.2114	.2085	.2244	.2155	.2198	.2254	.2179	.2163	.2196	.2140	.2176	.2108	250.
270.	.1901	.1872	.1856	.2103	.1984	.2042	.2047	.2007	.1987	.1930	.1942	.1872	.1929	270.
290.	.1823	.1834	.1847	.2061	.1954	.2098	.1966	.1983	.1935	.1935	.1898	.1850	.1932	290.
310.	.1811	.1825	.1808	.2076	.1911	.2051	.1950	.1949	.1934	.1888	.1820	.1866	.1916	310.
325.	.1831	.1848	.1841	.2078	.1881	.2087	.1932	.1907	.1900	.1874	.1872	.1897	.1963	325.
340.	.1848	.1889	.1883	.2120	.2010	.2171	.1988	.1977	.1972	.1987	.1955	.1950	.2091	340.
350.	.1925	.1940	.1978	.2158	.2031	.2112	.2066	.2071	.1989	.2024	.2058	.2025	.2129	350.

TABLE VI. - CONTINUED

(F) MACH = 2.50, BETA = .99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 5.50 DEG								
0.	.1621	.1509	.1564	.1608	.1655	.1679	.1689	.1714	.1711	.1717	.1727	.1728	.1593	.1614
10.				.1510	.1475	.1550	.1566	.1575	.1562	.1537	.1576	.1554	.1483	.1450
20.		.1518	.1374	.1443	.1504	.1444	.1515	.1486	.1461	.1497	.1452	.1460	.1404	.1396
35.				.1435	.1417	.1470	.1515	.1489	.1455	.1373	.1443	.1484	.1373	.1376
50.	.1397	.1472	.1328	.1384	.1421	.1488	.1557	.1463	.1481	.1565	.1479	.1486	.1382	.1400
70.				.1358	.1486	.1509	.1566	.1507	.1493	.1489	.1498	.1530	.1402	.1356
90.	.1492	.1505	.1458	.1455	.1465	.1524	.1561	.1554	.1536	.1520	.1514	.1559	.1430	.1421
110.					.1668	.1686	.1673	.1705	.1730	.1744	.1674	.1710	.1640	.1618
130.				.2359	.2337	.2286	.2283	.2329	.2383	.2299	.2295	.2321	.2264	.2276
145.	.3478	.3184	.3191	.3345	.3364	.3356	.3341	.3296	.3303	.3320	.3296	.3211	.3198	.3190
160.				.3952	.3947	.4030	.3975	.4007	.3997	.3970	.3950	.3903	.3833	.3906
180.	.3912	.4121	.4222	.4191	.4222	.4256	.4218	.4274	.4239	.4279	.4267	.4159	.4142	.4081
200.				.4163	.4216	.4244	.4247	.4211	.4171	.4168	.4132	.4092	.4038	.4119
215.	.3774	.3542	.3593	.3745	.3722	.3741	.3717	.3697	.3692	.3636	.3722	.3651	.3579	.3596
230.				.2793	.2818	.2745	.2788	.2791	.2816	.2788	.2790	.2828	.2728	.2795
250.					.2065	.2112	.2068	.2112	.2124	.2108	.2050	.2109	.2042	.2025
270.	.1809	.1833	.1779	.1776	.1838	.1857	.1927	.1903	.1885	.1847	.1839	.1874	.1788	.1759
290.				.1662	.1771	.1804	.1883	.1828	.1810	.1795	.1815	.1819	.1698	.1677
310.	.1605	.1737	.1630	.1683	.1725	.1792	.1840	.1781	.1785	.1834	.1761	.1779	.1670	.1696
325.				.1705	.1722	.1775	.1782	.1765	.1742	.1646	.1712	.1744	.1682	.1630
340.		.1743	.1582	.1663	.1744	.1695	.1768	.1749	.1687	.1725	.1703	.1685	.1611	.1607
350.				.1666	.1631	.1717	.1730	.1783	.1710	.1711	.1737	.1716	.1647	.1617
						FOR ALPHA = 10.51 DEG								
0.	.1030	.1080	.0967	.1047	.1051	.1108	.1140	.1135	.1138	.1129	.1164	.1157	.1006	.1016
10.				.0993	.0946	.1046	.1072	.1046	.1068	.1027	.1052	.1032	.0967	.0951
20.		.1141	.0902	.0984	.1083	.1047	.1092	.1069	.1054	.1050	.1038	.1044	.0951	.0971
35.				.1069	.1092	.1135	.1166	.1148	.1121	.1031	.1110	.1124	.1018	.1048
50.	.0979	.1088	.1033	.1003	.1094	.1179	.1198	.1149	.1176	.1253	.1171	.1163	.1069	.1100
70.				.1062	.1078	.1155	.1195	.1190	.1205	.1188	.1196	.1230	.1131	.1091
90.	.1093	.1140	.1106	.1094	.1093	.1147	.1159	.1152	.1168	.1151	.1143	.1144	.1073	.1075
110.					.1302	.1348	.1297	.1328	.1348	.1320	.1284	.1292	.1273	.1312
130.				.2440	.2408	.2338	.2360	.2363	.2379	.2377	.2373	.2387	.2267	.2336
145.	.4362	.3873	.4065	.4197	.4054	.4073	.4015	.3960	.4025	.3918	.3919	.3935	.3886	.3806
160.				.5129	.5089	.5226	.5145	.5164	.5164	.5150	.5098	.5112	.4968	.5032
180.	.5277	.5476	.5647	.5535	.5602	.5591	.5611	.5618	.5661	.5639	.5570	.5533	.5488	.5472
200.				.5375	.5403	.5393	.5397	.5362	.5382	.5373	.5319	.5330	.5218	.5330
215.	.4727	.4357	.4477	.4610	.4482	.4445	.4482	.4431	.4471	.4450	.4384	.4359	.4364	.4376
230.				.2997	.2930	.2875	.2861	.2827	.2936	.2916	.2897	.2916	.2885	.2917
250.					.1769	.1780	.1760	.1761	.1807	.1783	.1763	.1832	.1730	.1701
270.	.1419	.1492	.1438	.1438	.1454	.1462	.1517	.1511	.1511	.1468	.1484	.1493	.1408	.1404
290.				.1354	.1396	.1460	.1551	.1491	.1477	.1482	.1489	.1529	.1411	.1375
310.	.1193	.1303	.1280	.1282	.1324	.1442	.1466	.1403	.1443	.1513	.1426	.1422	.1318	.1347
325.				.1265	.1323	.1366	.1398	.1365	.1343	.1237	.1298	.1334	.1235	.1219
340.		.1195	.1073	.1143	.1253	.1203	.1239	.1203	.1183	.1196	.1158	.1156	.1080	.1096
350.				.1088	.1042	.1114	.1139	.1132	.1109	.1098	.1100	.1104	.1022	.1028
						FOR ALPHA = 15.51 DEG								
0.	.0651	.0740	.0604	.0615	.0665	.0738	.0746	.0739	.0738	.0737	.0771	.0760	.0587	.0598
10.				.0590	.0578	.0652	.0664	.0652	.0645	.0634	.0636	.0626	.0552	.0541
20.		.0716	.0577	.0600	.0744	.0669	.0696	.0661	.0624	.0652	.0627	.0611	.0537	.0556
35.				.0682	.0746	.0808	.0811	.0794	.0762	.0679	.0718	.0750	.0661	.0662
50.	.0618	.0690	.0698	.0676	.0745	.0835	.0874	.0835	.0854	.0955	.0849	.0847	.0749	.0740
70.				.0684	.0709	.0788	.0852	.0843	.0827	.0857	.0872	.0885	.0805	.0764
90.	.0598	.0719	.0672	.0659	.0614	.0638	.0651	.0643	.0667	.0688	.0652	.0638	.0588	.0575
110.					.0929	.0907	.0930	.0918	.0964	.0932	.0916	.0922	.0882	.0855
130.				.2556	.2506	.2384	.2428	.2376	.2519	.2432	.2475	.2453	.2367	.2412
145.	.5398	.4697	.4943	.5092	.4863	.4865	.4751	.4794	.4815	.4725	.4668	.4653	.4658	.4635
160.				.6406	.6451	.6500	.6498	.6437	.6453	.6420	.6301	.6400	.6272	.6375
180.	.6789	.6924	.7097	.6989	.7065	.7036	.7061	.7134	.7166	.7094	.7071	.7052	.7106	.7016
200.				.6700	.6721	.6763	.6724	.6696	.6668	.6684	.6543	.6609	.6538	.6661
215.	.5723	.5158	.5458	.5503	.5291	.5360	.5303	.5283	.5307	.5264	.5171	.5160	.5197	.5190
230.				.3095	.3040	.2952	.3010	.2938	.3069	.3001	.3028	.3033	.2971	.3017
250.					.1384	.1424	.1405	.1354	.1392	.1408	.1363	.1402	.1332	.1357
270.	.0909	.1051	.1031	.1023	.0957	.0993	.1021	.1008	.1014	.1012	.1003	.1013	.0910	.0926
290.				.0936	.0996	.1055	.1145	.1103	.1108	.1110	.1140	.1170	.1063	.1060
310.	.0765	.0847	.0886	.0908	.0951	.1064	.1106	.1043	.1084	.1168	.1049	.1066	.0958	.0992
325.				.0826	.0896	.0961	.0975	.0938	.0946	.0838	.0883	.0917	.0813	.0820
340.		.0707	.0581	.0667	.0786	.0697	.0730	.0681	.0675	.0695	.0647	.0622	.0583	.0584
350.				.0593	.0601	.0644	.0655	.0628	.0630	.0623	.0627	.0625	.0557	.0541
						FOR ALPHA = 20.50 DEG								
0.	.0309	.0355	.0299	.0310	.0341	.0460	.0488	.0475	.0467	.0463	.0514	.0503	.0314	.0315
10.				.0244	.0255	.0299	.0328	.0322	.0315	.0304	.0311	.0311	.0261	.0248
20.		.0351	.0235	.0220	.0340	.0255	.0267	.0230	.0211	.0226	.0207	.0200	.0166	.0165
35.				.0251	.0314	.0382	.0398	.0368	.0369	.0289	.0318	.0341	.0276	.0276
50.	.0175	.0222	.0236	.0290	.0320	.0400	.0463	.0428	.0462	.0604	.0478	.0481	.0395	.0426
70.				.0189	.0206	.0255	.0298	.0312	.0327	.0374	.0409	.0434	.0386	.0400
90.	.0183	.0222	.0191	.0116	.0054	.0055	.0037	.0002	-.0020	-.0041	-.0083	-.0104	-.0176	-.0199
110.					.0732	.0731	.0673	.0698	.0699	.0654	.0673	.0664	.0644	.0650
130.				.2732	.2665	.2576	.2597	.2502	.2612	.2587	.2617	.2638	.2629	.2635
145.	.6320	.5548	.5920	.5876	.5707	.5761	.5661	.5613	.5559	.5517	.5519	.5429	.5533	.5476
160.				.7700	.7748	.7827	.7743	.7740	.7734	.7799	.7641	.7645	.7649	.7669
180.	.8373	.8403	.8675	.8550	.8617	.8572	.8613	.8664	.8572	.8657	.8630	.8616	.8630	.8545
200.				.7978	.8063	.8189	.8079	.8072	.8008	.8097	.7961	.8047	.7984	.8040
215.	.6811	.5983	.6316	.6367	.6199	.6268	.6151	.6162	.6097	.6050	.5989	.5956	.6105	.5972
230.				.3287	.3223	.3125	.3204	.3119	.3199	.3124	.3183	.3162	.3127	.3174
250.					.1144	.1111	.1081	.1093	.1116	.1077	.1064	.1075	.1020	.1094
270.	.0512	.0556	.0546	.0470	.0434	.0438	.0400	.0388	.0348	.0328	.0307	.0296	.0209	.0211
290.				.0445	.0483	.0566	.0615	.0605	.0637	.0661	.0694	.0732	.0656	.0661
310.	.0236	.0358	.0375	.0435	.0504	.0622	.0684	.0649	.0699	.0809	.0707	.0707	.0611	.0612
325.				.0345	.0441	.0488	.0525	.0495	.0491	.0424	.0438	.0457	.0376	.0369
340.		.0338	.0179	.0172	.0301	.0183	.0204	.0173	.0162	.0172	.0141	.0132	.0076	.0106
350.				.0209	.0189	.0240	.0267	.0265	.0253	.0249	.0265	.0251	.0184	.0185

TABLE VI. - CONTINUED

(F) MACH = 2.50, BETA = .99 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.50 DEG								
0.	.1635	.1628	.1611	.1814	.1750	.1803	.1733	.1719	.1712	.1741	.1747	.1732	.1703	0.
10.	.1520	.1491	.1532	.1713	.1604	.1696	.1597	.1602	.1537	.1587	.1613	.1558	.1644	10.
20.	.1409	.1451	.1424	.1666	.1535	.1753	.1545	.1504	.1502	.1501	.1527	.1512	.1610	20.
35.	.1416	.1433	.1410	.1676	.1455	.1675	.1498	.1462	.1495	.1451	.1453	.1489	.1532	35.
50.	.1388	.1395	.1381	.1629	.1456	.1647	.1497	.1504	.1479	.1442	.1424	.1453	.1506	50.
70.	.1385	.1408	.1401	.1642	.1491	.1680	.1527	.1526	.1516	.1489	.1474	.1449	.1500	70.
90.	.1454	.1434	.1411	.1646	.1513	.1571	.1591	.1554	.1536	.1493	.1505	.1463	.1489	90.
110.	.1653	.1590	.1607	.1768	.1665	.1665	.1699	.1682	.1663	.1694	.1617	.1621	.1604	110.
130.	.2229	.2314	.2258	.2494	.2444	.2400	.2356	.2389	.2451	.2436	.2384	.2424	.2396	130.
145.	.3166	.3070	.3182	.3338	.3266	.3246	.3225	.3269	.2241	.3304	.3304	.3316	.3383	145.
160.	.3776	.3803	.3857	.4055	.3986	.3898	.3965	.3993	.3940	.3920	.3857	.3927	.4047	160.
180.	.4129	.4076	.4074	.4217	.4235	.4245	.4233	.4175	.4212	.4205	.4164	.4199	.4140	180.
200.	.3950	.4088	.4017	.4235	.4169	.4048	.4237	.4158	.4149	.4119	.4010	.4212	.4204	200.
215.	.3571	.3486	.3560	.3676	.3650	.3652	.3658	.3680	.2407	.3712	.3719	.3742	.3749	215.
230.	.2699	.2760	.2724	.3006	.2937	.2883	.2811	.2903	.2982	.2943	.2870	.2856	.2878	230.
250.	.2094	.2020	.1993	.2197	.2089	.2118	.2154	.2073	.2099	.2106	.2049	.2066	.2004	250.
270.	.1784	.1785	.1766	.1972	.1868	.1910	.1949	.1914	.1850	.1825	.1817	.1785	.1833	270.
290.	.1716	.1718	.1699	.1949	.1814	.1972	.1844	.1827	.1825	.1797	.1755	.1724	.1771	290.
310.	.1667	.1699	.1666	.1952	.1739	.1965	.1828	.1800	.1804	.1705	.1733	.1746	.1772	310.
325.	.1702	.1704	.1690	.1915	.1705	.1938	.1793	.1755	.1732	.1701	.1718	.1773	.1815	325.
340.	.1633	.1664	.1646	.1886	.1765	.1965	.1764	.1744	.1735	.1750	.1743	.1724	.1840	340.
350.	.1651	.1658	.1679	.1853	.1786	.1842	.1787	.1767	.1677	.1772	.1765	.1748	.1824	350.
						FOR ALPHA = 10.51 DEG								
0.	.1030	.1024	.1025	.1215	.1147	.1190	.1106	.1107	.1077	.1125	.1120	.1103	.1100	0.
10.	.0960	.0979	.1008	.1202	.1070	.1161	.1057	.1052	.1004	.1040	.1053	.1031	.1112	10.
20.	.0967	.1014	.1004	.1224	.1075	.1245	.1085	.1078	.1042	.1053	.1027	.1041	.1139	20.
35.	.1061	.1062	.1056	.1287	.1086	.1297	.1132	.1115	.1093	.1081	.1065	.1113	.1152	35.
50.	.1060	.1084	.1078	.1317	.1162	.1359	.1203	.1212	.1171	.1168	.1132	.1150	.1177	50.
70.	.1113	.1143	.1103	.1348	.1202	.1390	.1259	.1227	.1212	.1204	.1172	.1167	.1164	70.
90.	.1092	.1083	.1045	.1314	.1172	.1224	.1253	.1218	.1206	.1152	.1129	.1079	.1098	90.
110.	.1314	.1244	.1247	.1411	.1309	.1310	.1327	.1308	.1265	.1288	.1197	.1176	.1179	110.
130.	.2293	.2349	.2318	.2488	.2532	.2497	.2422	.2499	.2482	.2537	.2462	.2449	.2456	130.
145.	.3836	.3712	.3852	.3975	.3914	.3908	.3872	.3970	.2511	.3952	.4011	.3980	.4069	145.
160.	.5039	.4952	.5028	.5222	.5038	.5134	.5082	.5114	.5081	.4969	.5121	.5049	.5202	160.
180.	.5496	.5407	.5452	.5508	.5555	.5559	.5556	.5519	.5500	.5517	.5471	.5531	.5482	180.
200.	.5233	.5308	.5235	.5420	.5328	.5293	.5431	.5346	.5294	.5274	.5282	.5395	.5412	200.
215.	.4307	.4229	.4342	.4499	.4418	.4393	.4405	.4446	.2798	.4482	.4466	.4468	.4534	215.
230.	.2827	.2687	.2855	.3088	.3001	.3040	.2949	.3032	.3069	.3005	.2991	.2971	.3033	230.
250.	.1764	.1685	.1686	.1842	.1721	.1743	.1775	.1749	.1710	.1707	.1642	.1663	.1646	250.
270.	.1434	.1423	.1386	.1626	.1500	.1564	.1594	.1553	.1509	.1461	.1455	.1423	.1461	270.
290.	.1399	.1397	.1407	.1638	.1493	.1672	.1505	.1513	.1490	.1470	.1455	.1415	.1478	290.
310.	.1320	.1322	.1333	.1590	.1389	.1605	.1444	.1469	.1436	.1379	.1376	.1377	.1441	310.
325.	.1276	.1260	.1256	.1508	.1318	.1559	.1348	.1325	.1306	.1288	.1304	.1311	.1361	325.
340.	.1131	.1142	.1126	.1332	.1222	.1395	.1227	.1214	.1169	.1212	.1177	.1179	.1280	340.
350.	.1043	.1056	.1100	.1271	.1159	.1242	.1144	.1163	.1085	.1139	.1147	.1123	.1220	350.
						FOR ALPHA = 15.51 DEG								
0.	.0598	.0598	.0608	.0802	.0728	.0793	.0686	.0699	.0662	.0711	.0711	.0678	.0689	0.
10.	.0541	.0564	.0583	.0775	.0652	.0748	.0631	.0636	.0607	.0654	.0642	.0627	.0683	10.
20.	.0552	.0572	.0559	.0799	.0645	.0828	.0644	.0629	.0628	.0650	.0621	.0626	.0692	20.
35.	.0687	.0674	.0668	.0919	.0723	.0948	.0717	.0699	.0677	.0679	.0675	.0710	.0763	35.
50.	.0750	.0749	.0747	.0998	.0814	.1033	.0826	.0831	.0798	.0779	.0763	.0793	.0844	50.
70.	.0792	.0791	.0792	.1050	.0854	.1107	.0876	.0862	.0841	.0801	.0834	.0791	.0840	70.
90.	.0623	.0606	.0588	.0853	.0695	.0764	.0773	.0726	.0706	.0676	.0698	.0682	.0694	90.
110.	.0950	.0883	.0865	.1082	.0921	.0928	.0903	.0819	.0833	.0824	.0807	.0789	.0739	110.
130.	.2472	.2486	.2492	.2674	.2591	.2692	.2543	.2631	.2598	.2537	.2667	.2634	.2682	130.
145.	.4602	.4467	.4605	.4733	.4639	.4671	.4634	.4682	.3121	.4605	.4718	.4707	.4838	145.
160.	.6219	.6320	.6277	.6461	.6365	.6272	.6422	.6344	.6314	.6277	.6274	.6363	.6413	160.
180.	.7039	.6964	.6928	.7000	.7043	.7036	.7061	.6929	.6952	.6988	.6969	.7079	.6915	180.
200.	.6560	.6565	.6549	.6779	.6704	.6605	.6650	.6608	.6646	.6601	.6572	.6574	.6690	200.
215.	.5094	.5073	.5159	.5194	.5193	.5150	.5247	.5247	.3445	.5191	.5234	.5368	.5377	215.
230.	.2985	.3084	.3018	.3227	.3198	.3200	.3128	.3194	.3217	.3197	.3161	.3200	.3195	230.
250.	.1384	.1332	.1313	.1475	.1358	.1351	.1372	.1306	.1260	.1288	.1218	.1230	.1171	250.
270.	.0957	.0901	.0907	.1161	.1052	.1105	.1090	.1093	.1057	.1051	.1053	.0978	.1018	270.
290.	.1082	.1081	.1080	.1311	.1154	.1364	.1168	.1172	.1139	.1126	.1133	.1100	.1142	290.
310.	.0974	.0949	.0944	.1212	.1033	.1243	.1049	.1053	.1040	.1032	.1014	.1012	.1054	310.
325.	.0843	.0829	.0818	.1091	.0869	.1104	.0889	.0852	.0842	.0817	.0828	.0862	.0907	325.
340.	.0596	.0605	.0595	.0836	.0679	.0883	.0694	.0689	.0667	.0692	.0683	.0675	.0762	340.
350.	.0552	.0569	.0592	.0786	.0662	.0767	.0655	.0660	.0617	.0662	.0655	.0636	.0693	350.
						FOR ALPHA = 20.50 DEG								
0.	.0322	.0324	.0331	.0529	.0462	.0540	.0419	.0429	.0375	.0430	.0439	.0392	.0403	0.
10.	.0272	.0273	.0286	.0494	.0349	.0462	.0321	.0324	.0318	.0348	.0345	.0329	.0372	10.
20.	.0190	.0200	.0190	.0446	.0249	.0471	.0266	.0272	.0275	.0273	.0277	.0261	.0322	20.
35.	.0298	.0299	.0292	.0550	.0310	.0574	.0357	.0344	.0316	.0295	.0300	.0335	.0383	35.
50.	.0391	.0410	.0389	.0657	.0435	.0687	.0505	.0490	.0473	.0455	.0441	.0499	.0518	50.
70.	.0416	.0414	.0410	.0662	.0484	.0725	.0508	.0507	.0469	.0477	.0449	.0448	.0482	70.
90.	-.0150	-.0229	-.0263	-.0009	-.0213	-.0129	-.0196	-.0209	-.0246	-.0238	-.0212	-.0284	-.0269	90.
110.	.0680	.0633	.0598	.0785	.0620	.0643	.0640	.0576	.0579	.0565	.0545	.0542	.0498	110.
130.	.2631	.2686	.2619	.2812	.2779	.2885	.2772	.2820	.2846	.2846	.2876	.2880	.2853	130.
145.	.5359	.5353	.5400	.5603	.5424	.5368	.5455	.5447	.3849	.5454	.5559	.5666	.5679	145.
160.	.7651	.7648	.7690	.7866	.7729	.7636	.7678	.7657	.7664	.7606	.7704	.7715	.7838	160.
180.	.8647	.8556	.8544	.8607	.8563	.8643	.8623	.8527	.8565	.8530	.8608	.8638	.8485	180.
200.	.7890	.7976	.7966	.8185	.7951	.7843	.8029	.7987	.8034	.7861	.7872	.8004	.8083	200.
215.	.5950	.5832	.5911	.6044	.5963	.5971	.6001	.5988	.4156	.5985	.6104	.6148	.6113	215.
230.	.3175	.3222	.3182	.3336	.3418	.3435	.3309	.3393	.3350	.3421	.3357	.3319	.3358	230.
250.	.1111	.1068	.1044	.1255	.1120	.1089	.1095	.1035	.1034	.1015	.0916	.0927	.0899	250.
270.	.0210	.0168	.0128	.0345	.0154	.0236	.0230	.0209	.0119	.0106	.0121	.0117	.0126	270.
290.	.0720	.0697	.0685	.0962	.0771	.1010	.0811	.0797	.0788	.0759	.0747	.0735	.0763	290.
310.	.0592	.0589	.0585	.0855	.0650	.0882	.0703	.0699	.0673	.0665	.0640	.0672	.0706	310.
325.	.0386	.0396	.0370	.0642	.0439	.0695	.0480	.0428	.0388	.0390	.0386	.0410	.0433	325.
340.	.0118	.0120	.0101	.0346	.0182	.0406	.0211	.0197	.0180	.0220	.0219	.0212	.0247	340.
350.	.0196	.0199	.0221	.0426	.0269	.0401	.0269	.0280	.0257	.0278	.0286	.0268	.0311	350.

TABLE VI. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -4.51 DEG								
0.	.3501	.3247	.3459	.3447	.3492	.3444	.3488	.3543	.3553	.3550	.3524	.3549	.3481	.3436
10.				.2734	.2688	.2867	.2847	.2804	.2759	.2799	.2827	.2798	.2655	.2637
20.		.2335	.2164	.2140	.2087	.1972	.2046	.2045	.2034	.2090	.2041	.2118	.1962	.1985
35.				.1710	.1710	.1778	.1841	.1855	.1864	.1792	.1852	.1900	.1751	.1751
50.	.1684	.1673	.1561	.1642	.1643	.1753	.1826	.1747	.1765	.1852	.1766	.1794	.1697	.1720
70.				.1657	.1669	.1742	.1762	.1682	.1715	.1716	.1709	.1724	.1607	.1595
90.	.1577	.1575	.1548	.1565	.1664	.1689	.1715	.1692	.1682	.1666	.1655	.1683	.1555	.1541
110.					.1634	.1691	.1673	.1685	.1698	.1671	.1635	.1643	.1546	.1578
130.				.1697	.1708	.1740	.1730	.1726	.1737	.1725	.1699	.1668	.1604	.1623
145.	.1785	.1733	.1738	.1805	.1843	.1819	.1842	.1801	.1830	.1802	.1804	.1783	.1724	.1715
160.				.1904	.1939	.1958	.1901	.1938	.1938	.1950	.1922	.1897	.1779	.1825
180.	.1936	.2042	.2032	.2022	.2088	.2076	.2066	.2066	.2043	.2078	.2067	.1953	.1947	.1926
200.				.2287	.2316	.2320	.2271	.2278	.2291	.2304	.2297	.2269	.2127	.2207
215.	.2408	.2458	.2395	.2460	.2584	.2521	.2553	.2460	.2531	.2492	.2554	.2529	.2431	.2431
230.				.2706	.2733	.2764	.2721	.2661	.2719	.2699	.2672	.2659	.2622	.2633
250.					.2743	.2799	.2760	.2778	.2793	.2730	.2708	.2749	.2687	.2718
270.	.2696	.2701	.2635	.2647	.2738	.2809	.2822	.2801	.2814	.2751	.2779	.2800	.2644	.2663
290.				.2705	.2759	.2850	.2869	.2797	.2852	.2833	.2827	.2841	.2696	.2686
310.	.2839	.2821	.2697	.2837	.2767	.2933	.2984	.2862	.2890	.2985	.2874	.2892	.2801	.2823
325.				.2984	.2961	.3002	.3052	.3035	.3027	.2945	.2975	.3052	.2907	.2936
340.		.3433	.3299	.3282	.3300	.3224	.3298	.3313	.3232	.3339	.3268	.3290	.3187	.3198
350.				.3583	.3474	.3618	.3628	.3629	.3649	.3615	.3630	.3631	.3529	.3504
						FOR ALPHA = -2.50 DEG								
0.	.3061	.2797	.2988	.2997	.3016	.3033	.3055	.3095	.3073	.3065	.3077	.3087	.2982	.2988
10.				.2355	.2312	.2480	.2476	.2464	.2453	.2400	.2468	.2441	.2342	.2255
20.		.2096	.1933	.1910	.1901	.1791	.1848	.1875	.1842	.1891	.1852	.1868	.1786	.1751
35.				.1577	.1580	.1676	.1734	.1746	.1686	.1637	.1669	.1732	.1612	.1610
50.	.1572	.1589	.1440	.1550	.1565	.1630	.1707	.1639	.1668	.1752	.1656	.1663	.1571	.1572
70.				.1509	.1603	.1622	.1678	.1619	.1614	.1610	.1631	.1648	.1528	.1457
90.	.1542	.1555	.1443	.1480	.1588	.1624	.1659	.1643	.1638	.1617	.1577	.1615	.1497	.1496
110.					.1602	.1664	.1660	.1660	.1657	.1675	.1606	.1648	.1557	.1549
130.				.1746	.1791	.1760	.1795	.1740	.1776	.1809	.1783	.1795	.1686	.1714
145.	.1998	.1921	.1945	.1974	.2027	.2022	.2024	.1995	.1998	.2029	.2004	.2024	.1887	.1874
160.				.2248	.2252	.2268	.2226	.2214	.2241	.2255	.2230	.2241	.2046	.2103
180.	.2265	.2341	.2370	.2448	.2456	.2455	.2413	.2474	.2412	.2428	.2403	.2287	.2297	.2278
200.				.2661	.2665	.2677	.2669	.2653	.2654	.2646	.2614	.2589	.2470	.2568
215.	.2726	.2728	.2711	.2802	.2881	.2790	.2838	.2802	.2855	.2823	.2820	.2822	.2700	.2713
230.				.2850	.2837	.2878	.2877	.2860	.2877	.2909	.2874	.2873	.2737	.2803
250.					.2710	.2790	.2767	.2773	.2798	.2794	.2720	.2776	.2669	.2663
270.	.2622	.2655	.2520	.2553	.2693	.2735	.2752	.2701	.2707	.2700	.2658	.2695	.2570	.2538
290.				.2573	.2695	.2715	.2769	.2680	.2696	.2674	.2684	.2702	.2550	.2523
310.	.2618	.2666	.2524	.2662	.2640	.2737	.2785	.2697	.2735	.2801	.2704	.2738	.2612	.2660
325.				.2739	.2734	.2799	.2846	.2826	.2817	.2735	.2795	.2833	.2713	.2711
340.		.3086	.2980	.2960	.2990	.2931	.3038	.3012	.2966	.3039	.2999	.3012	.2926	.2908
350.				.3166	.3098	.3205	.3195	.3211	.3198	.3137	.3220	.3218	.3098	.3072
						FOR ALPHA = -1.50 DEG								
0.	.2823	.2601	.2761	.2790	.2812	.2832	.2825	.2878	.2886	.2840	.2855	.2859	.2801	.2786
10.				.2248	.2176	.2303	.2327	.2314	.2288	.2251	.2262	.2275	.2141	.2144
20.		.1975	.1828	.1790	.1792	.1703	.1779	.1758	.1771	.1796	.1760	.1771	.1666	.1675
35.				.1539	.1556	.1626	.1665	.1657	.1666	.1583	.1616	.1681	.1534	.1545
50.	.1527	.1538	.1409	.1484	.1500	.1605	.1662	.1568	.1570	.1683	.1596	.1609	.1484	.1522
70.				.1460	.1537	.1590	.1638	.1582	.1587	.1587	.1589	.1590	.1454	.1442
90.	.1513	.1538	.1419	.1464	.1541	.1599	.1617	.1579	.1590	.1567	.1564	.1592	.1451	.1417
110.					.1548	.1651	.1635	.1638	.1657	.1636	.1605	.1635	.1552	.1555
130.				.1745	.1778	.1806	.1831	.1809	.1845	.1807	.1825	.1802	.1697	.1738
145.	.2133	.2003	.2031	.2112	.2107	.2098	.2135	.2125	.2141	.2077	.2109	.2122	.1992	.2011
160.				.2380	.2415	.2437	.2351	.2400	.2389	.2340	.2368	.2407	.2269	.2284
180.	.2420	.2529	.2554	.2610	.2663	.2638	.2623	.2644	.2625	.2625	.2625	.2512	.2520	.2484
200.				.2849	.2896	.2901	.2862	.2863	.2903	.2888	.2861	.2827	.2681	.2777
215.	.2868	.2903	.2844	.2975	.3043	.2973	.3028	.2987	.3026	.2981	.2998	.2988	.2880	.2894
230.				.2933	.2938	.2980	.2965	.2966	.2997	.2961	.2943	.2940	.2880	.2915
250.					.2683	.2786	.2766	.2784	.2773	.2802	.2718	.2762	.2675	.2648
270.	.2566	.2595	.2503	.2529	.2641	.2700	.2714	.2688	.2706	.2653	.2630	.2672	.2542	.2508
290.				.2490	.2649	.2679	.2702	.2627	.2627	.2639	.2633	.2628	.2491	.2476
310.	.2540	.2611	.2475	.2585	.2568	.2689	.2731	.2645	.2661	.2728	.2666	.2648	.2521	.2562
325.				.2619	.2668	.2732	.2735	.2731	.2729	.2615	.2713	.2749	.2617	.2632
340.		.2913	.2847	.2808	.2859	.2825	.2882	.2861	.2815	.2892	.2850	.2856	.2780	.2798
350.				.2970	.2882	.3011	.3005	.3028	.3042	.2996	.3032	.3038	.2930	.2900
						FOR ALPHA = -.50 DEG								
0.	.2611	.2433	.2582	.2585	.2630	.2663	.2643	.2694	.2665	.2682	.2675	.2663	.2557	.2570
10.				.2095	.2043	.2171	.2179	.2195	.2135	.2114	.2149	.2108	.2020	.2030
20.		.1843	.1733	.1733	.1694	.1619	.1696	.1716	.1685	.1729	.1681	.1678	.1597	.1595
35.				.1511	.1501	.1577	.1611	.1588	.1606	.1514	.1548	.1602	.1497	.1473
50.	.1468	.1523	.1373	.1450	.1485	.1587	.1620	.1542	.1577	.1614	.1518	.1533	.1447	.1460
70.				.1398	.1505	.1550	.1586	.1534	.1552	.1529	.1539	.1533	.1389	.1391
90.	.1497	.1507	.1427	.1424	.1522	.1543	.1576	.1572	.1560	.1552	.1552	.1548	.1433	.1433
110.					.1549	.1610	.1619	.1629	.1614	.1621	.1590	.1604	.1528	.1536
130.				.1762	.1789	.1818	.1836	.1807	.1846	.1860	.1818	.1805	.1753	.1760
145.	.2272	.2124	.2158	.2207	.2246	.2252	.2241	.2168	.2202	.2201	.2218	.2210	.2093	.2077
160.				.2531	.2546	.2591	.2554	.2572	.2566	.2551	.2532	.2576	.2406	.2454
180.	.2622	.2696	.2763	.2789	.2845	.2832	.2810	.2856	.2823	.2846	.2831	.2716	.2701	.2674
200.				.3054	.3073	.3118	.3073	.3074	.3065	.3056	.3058	.3052	.2888	.2978
215.	.3013	.2997	.2982	.3124	.3192	.3154	.3166	.3128	.3148	.3097	.3166	.3146	.2986	.3035
230.				.2980	.2964	.3004	.3037	.3014	.3030	.3015	.3017	.3007	.2913	.2951
250.					.2641	.2770	.2739	.2757	.2756	.2746	.2703	.2726	.2663	.2648
270.	.2547	.2547	.2445	.2458	.2582	.2621	.2653	.2624	.2639	.2614	.2583	.2584	.2467	.2446
290.				.2411	.2535	.2598	.2621	.2566	.2570	.2581	.2561	.2544	.2403	.2375
310.	.2463	.2550	.2383	.2479	.2500	.2597	.2624	.2534	.2556	.2659	.2573	.2559	.2464	.2489
325.				.2546	.2565	.2609	.2618	.2612	.2595	.2497	.2593	.2626	.2528	.2497
340.		.2771	.2695	.2652	.2724	.2667	.2736	.2736	.2685	.2742	.2743	.2696	.2617	.2645
350.				.2774	.2703	.2805	.2802	.2854	.2810	.2807	.2844	.2848	.2720	.2694

TABLE VI. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = -4.51 DEG								
0.	.3452	.3404	.3431	.3636	.3577	.3564	.3517	.3536	.3561	.3593	.3567	.3578	.3570	0.
10.	.2687	.2700	.2730	.2931	.2815	.2817	.2818	.2781	.2761	.2825	.2832	.2824	.2912	10.
20.	.1976	.2000	.2012	.2217	.2132	.2375	.2169	.2181	.2154	.2172	.2179	.2159	.2350	20.
35.	.1788	.1806	.1794	.2003	.1827	.2025	.1866	.1836	.1832	.1812	.1778	.1774	.1826	35.
50.	.1695	.1699	.1691	.1909	.1747	.1922	.1767	.1795	.1732	.1667	.1664	.1709	.1788	50.
70.	.1613	.1633	.1597	.1824	.1690	.1868	.1739	.1711	.1663	.1634	.1661	.1643	.1696	70.
90.	.1595	.1584	.1577	.1801	.1703	.1689	.1689	.1648	.1631	.1651	.1630	.1583	.1647	90.
110.	.1619	.1571	.1588	.1751	.1643	.1645	.1641	.1640	.1688	.1717	.1655	.1628	.1587	110.
130.	.1594	.1648	.1631	.1817	.1767	.1733	.1653	.1708	.1736	.1737	.1690	.1671	.1725	130.
145.	.1709	.1666	.1717	.1851	.1779	.1782	.1756	.1759	.0775	.1743	.1788	.1817	.1847	145.
160.	.1816	.1817	.1787	.2011	.1968	.1911	.1915	.1874	.1924	.1891	.1826	.1835	.1884	160.
180.	.1939	.1915	.1904	.2001	.2063	.2024	.2047	.1998	.2006	.2033	.1984	.2036	.1981	180.
200.	.2185	.2159	.2132	.2337	.2303	.2284	.2268	.2245	.2252	.2257	.2243	.2267	.2298	200.
215.	.2389	.2356	.2419	.2566	.2488	.2470	.2486	.2525	.1223	.2527	.2478	.2539	.2577	215.
230.	.2541	.2661	.2558	.2802	.2792	.2724	.2704	.2682	.2746	.2757	.2673	.2705	.2654	230.
250.	.2729	.2658	.2688	.2813	.2747	.2773	.2813	.2781	.2760	.2815	.2740	.2759	.2721	250.
270.	.2715	.2650	.2621	.2864	.2824	.2843	.2839	.2792	.2780	.2751	.2727	.2643	.2727	270.
290.	.2717	.2670	.2650	.2878	.2774	.2936	.2830	.2826	.2808	.2765	.2774	.2693	.2771	290.
310.	.2802	.2805	.2791	.2987	.2875	.3017	.2913	.2933	.2869	.2837	.2824	.2846	.2903	310.
325.	.2995	.2992	.2984	.3143	.2965	.3167	.3064	.3025	.3015	.2993	.2957	.3009	.3085	325.
340.	.3210	.3272	.3294	.3440	.3398	.3642	.3370	.3394	.3317	.3381	.3386	.3317	.3556	340.
350.	.3629	.3540	.3580	.3747	.3678	.3709	.3670	.3650	.3593	.3659	.3692	.3634	.3755	350.
						FOR ALPHA = -2.50 DEG								
0.	.3008	.2971	.2992	.3208	.3129	.3134	.3074	.3100	.3131	.3142	.3132	.3124	.3122	0.
10.	.2370	.2367	.2414	.2571	.2515	.2530	.2474	.2469	.2403	.2518	.2530	.2478	.2583	10.
20.	.1779	.1828	.1807	.2060	.1920	.2180	.1983	.1949	.1971	.1943	.1986	.1976	.2112	20.
35.	.1637	.1678	.1669	.1898	.1664	.1900	.1757	.1729	.1739	.1667	.1655	.1673	.1727	35.
50.	.1557	.1569	.1537	.1804	.1638	.1807	.1664	.1666	.1639	.1583	.1548	.1587	.1637	50.
70.	.1491	.1475	.1478	.1738	.1585	.1775	.1603	.1599	.1575	.1525	.1555	.1505	.1583	70.
90.	.1533	.1515	.1489	.1745	.1589	.1633	.1634	.1569	.1583	.1526	.1570	.1531	.1578	90.
110.	.1593	.1563	.1577	.1722	.1632	.1614	.1635	.1625	.1632	.1711	.1621	.1638	.1617	110.
130.	.1664	.1718	.1677	.1913	.1836	.1804	.1738	.1739	.1835	.1828	.1804	.1756	.1739	130.
145.	.1912	.1866	.1941	.2061	.2018	.2004	.1988	.2004	.1040	.1992	.2007	.2018	.2061	145.
160.	.2119	.2115	.2160	.2288	.2252	.2246	.2243	.2257	.2193	.2181	.2167	.2166	.2255	160.
180.	.2317	.2274	.2297	.2362	.2430	.2408	.2394	.2364	.2352	.2407	.2363	.2391	.2362	180.
200.	.2572	.2583	.2592	.2688	.2645	.2656	.2682	.2707	.2607	.2577	.2600	.2666	.2750	200.
215.	.2727	.2660	.2738	.2851	.2804	.2815	.2808	.2844	.1476	.2828	.2823	.2875	.2892	215.
230.	.2759	.2783	.2739	.2975	.2938	.2969	.2833	.2881	.2922	.2889	.2930	.2848	.2860	230.
250.	.2712	.2645	.2664	.2800	.2711	.2745	.2791	.2776	.2778	.2795	.2706	.2731	.2720	250.
270.	.2566	.2555	.2562	.2769	.2699	.2705	.2735	.2713	.2661	.2624	.2605	.2560	.2647	270.
290.	.2579	.2553	.2514	.2757	.2668	.2805	.2709	.2682	.2663	.2639	.2628	.2574	.2630	290.
310.	.2639	.2654	.2629	.2837	.2690	.2825	.2771	.2795	.2727	.2664	.2624	.2682	.2748	310.
325.	.2753	.2764	.2762	.2980	.2764	.2985	.2823	.2814	.2844	.2777	.2778	.2779	.2871	325.
340.	.2930	.2971	.2957	.3146	.3066	.3281	.3090	.3051	.3004	.3023	.3018	.3037	.3212	340.
350.	.3145	.3124	.3210	.3362	.3272	.3295	.3252	.3288	.3165	.3240	.3266	.3216	.3392	350.
						FOR ALPHA = -1.50 DEG								
0.	.2791	.2784	.2792	.2984	.2890	.2897	.2884	.2891	.2907	.2909	.2896	.2930	.2908	0.
10.	.2205	.2192	.2217	.2489	.2358	.2379	.2295	.2274	.2319	.2363	.2373	.2300	.2393	10.
20.	.1703	.1742	.1732	.1947	.1865	.2091	.1886	.1862	.1840	.1875	.1895	.1878	.2007	20.
35.	.1570	.1573	.1591	.1805	.1617	.1849	.1651	.1650	.1648	.1617	.1604	.1585	.1653	35.
50.	.1494	.1514	.1489	.1733	.1585	.1755	.1626	.1620	.1584	.1538	.1493	.1545	.1586	50.
70.	.1455	.1445	.1461	.1671	.1562	.1732	.1577	.1574	.1515	.1496	.1498	.1476	.1562	70.
90.	.1479	.1477	.1461	.1688	.1589	.1587	.1590	.1542	.1504	.1530	.1525	.1496	.1544	90.
110.	.1589	.1552	.1548	.1691	.1562	.1609	.1623	.1576	.1592	.1621	.1623	.1633	.1588	110.
130.	.1689	.1755	.1727	.1948	.1890	.1841	.1767	.1790	.1891	.1904	.1847	.1823	.1801	130.
145.	.1988	.1953	.2022	.2141	.2110	.2090	.2084	.2096	.1181	.2083	.2087	.2124	.2139	145.
160.	.2243	.2286	.2292	.2439	.2467	.2365	.2427	.2412	.2350	.2387	.2302	.2344	.2401	160.
180.	.2501	.2472	.2497	.2602	.2626	.2591	.2602	.2561	.2578	.2592	.2551	.2600	.2563	180.
200.	.2740	.2749	.2764	.2938	.2884	.2843	.2847	.2872	.2855	.2833	.2782	.2817	.2913	200.
215.	.2898	.2795	.2889	.3068	.2982	.2989	.2939	.3014	.1665	.3008	.2998	.2997	.3069	215.
230.	.2814	.2874	.2822	.3073	.3024	.3017	.2922	.2980	.3043	.2984	.2967	.2946	.2969	230.
250.	.2713	.2646	.2656	.2813	.2712	.2750	.2786	.2757	.2778	.2802	.2715	.2715	.2692	250.
270.	.2549	.2542	.2521	.2744	.2676	.2682	.2722	.2669	.2629	.2598	.2585	.2547	.2606	270.
290.	.2505	.2513	.2488	.2685	.2584	.2750	.2664	.2650	.2596	.2563	.2562	.2525	.2598	290.
310.	.2548	.2562	.2513	.2756	.2623	.2766	.2671	.2672	.2654	.2605	.2566	.2582	.2621	310.
325.	.2664	.2671	.2687	.2889	.2707	.2879	.2744	.2749	.2746	.2714	.2672	.2688	.2792	325.
340.	.2780	.2825	.2801	.3017	.2946	.3166	.2930	.2895	.2872	.2900	.2909	.2882	.3055	340.
350.	.2976	.2977	.3018	.3200	.3116	.3091	.3107	.3091	.3001	.3100	.3063	.3079	.3192	350.
						FOR ALPHA = -.50 DEG								
0.	.2579	.2593	.2599	.2767	.2713	.2733	.2709	.2706	.2686	.2725	.2723	.2748	.2718	0.
10.	.2072	.2070	.2126	.2300	.2209	.2214	.2188	.2195	.2134	.2219	.2202	.2183	.2284	10.
20.	.1612	.1641	.1657	.1891	.1819	.2008	.1782	.1782	.1772	.1820	.1809	.1767	.1909	20.
35.	.1515	.1539	.1525	.1760	.1557	.1782	.1634	.1593	.1602	.1561	.1549	.1564	.1601	35.
50.	.1458	.1466	.1424	.1710	.1518	.1709	.1592	.1576	.1561	.1484	.1447	.1511	.1531	50.
70.	.1404	.1402	.1404	.1654	.1517	.1712	.1541	.1540	.1494	.1455	.1487	.1428	.1505	70.
90.	.1427	.1408	.1409	.1637	.1558	.1569	.1551	.1511	.1457	.1511	.1476	.1439	.1495	90.
110.	.1570	.1528	.1521	.1689	.1604	.1598	.1615	.1565	.1591	.1684	.1597	.1610	.1567	110.
130.	.1745	.1822	.1739	.1967	.1916	.1901	.1835	.1821	.1886	.1922	.1898	.1907	.1848	130.
145.	.2089	.2073	.2107	.2277	.2192	.2202	.2224	.2205	.1313	.2168	.2213	.2270	.2248	145.
160.	.2425	.2394	.2400	.2600	.2585	.2554	.2547	.2550	.2515	.2521	.2484	.2466	.2540	160.
180.	.2690	.2670	.2685	.2797	.2843	.2799	.2814	.2765	.2772	.2802	.2740	.2807	.2758	180.
200.	.2920	.2981	.2945	.3075	.3091	.3034	.3098	.3052	.2963	.3041	.2980	.3069	.3088	200.
215.	.3007	.2947	.3023	.3173	.3117	.3098	.3097	.3158	.1770	.3139	.3100	.3140	.3222	215.
230.	.2908	.2973	.2865	.3137	.3102	.3102	.3024	.3019	.3120	.3083	.3051	.3050	.3007	230.
250.	.2712	.2625	.2628	.2779	.2697	.2749	.2772	.2721	.2736	.2777	.2719	.2707	.2661	250.
270.	.2502	.2472	.2434	.2662	.2577	.2635	.2657	.2585	.2549	.2502	.2540	.2481	.2518	270.
290.	.2432	.2431	.2386	.2625	.2537	.2676	.2581	.2556	.2537	.2511	.2488	.2434	.2498	290.
310.	.2453	.2490	.2425	.2687	.2516	.2679	.2612	.2584	.2578	.2500	.2482	.2529	.2529	310.
325.	.2553	.2559	.2565	.2759	.2598	.2776	.2639	.2627	.2602	.2593	.2564	.2595	.2689	325.
340.	.2637	.2691	.2665	.2874	.2797	.3011	.2793	.2750	.2717	.2751	.2765	.2740	.2901	340.
350.	.2776	.2765	.2791	.2985	.2893	.2908	.2885	.2861	.2784	.2880	.2881	.2858	.2959	350.

TABLE VI. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	.0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						CP AT X/L =								
						FOR ALPHA = .49 DEG								
0.	.2427	.2234	.2394	.2379	.2439	.2433	.2458	.2474	.2467	.2483	.2466	.2453	.2382	.2388
10.				.1932	.1904	.2022	.2035	.2024	.1967	.1972	.1999	.1976	.1877	.1848
20.		.1753	.1631	.1616	.1611	.1546	.1632	.1639	.1601	.1630	.1584	.1599	.1504	.1506
35.				.1450	.1449	.1508	.1546	.1554	.1523	.1454	.1478	.1527	.1425	.1417
50.	.1396	.1477	.1303	.1418	.1439	.1495	.1562	.1495	.1494	.1552	.1459	.1480	.1393	.1405
70.				.1350	.1460	.1495	.1543	.1494	.1486	.1471	.1465	.1463	.1359	.1329
90.	.1442	.1469	.1369	.1395	.1467	.1524	.1553	.1538	.1520	.1502	.1462	.1490	.1386	.1366
110.					.1540	.1575	.1580	.1591	.1595	.1580	.1539	.1572	.1502	.1493
130.				.1804	.1841	.1816	.1864	.1790	.1834	.1871	.1852	.1856	.1790	.1791
145.	.2381	.2258	.2232	.2316	.2334	.2362	.2302	.2245	.2299	.2294	.2322	.2307	.2216	.2206
160.				.2734	.2734	.2774	.2719	.2701	.2741	.2738	.2710	.2749	.2531	.2597
180.	.2820	.2950	.2988	.3023	.3068	.3054	.3028	.3049	.3031	.3051	.3068	.2916	.2914	.2889
200.				.3182	.3307	.3350	.3264	.3267	.3247	.3287	.3248	.3228	.3093	.3122
215.	.3192	.3146	.3149	.3285	.3357	.3324	.3309	.3301	.3313	.3312	.3338	.3299	.3192	.3159
230.				.3048	.3065	.3067	.3069	.3065	.3071	.3103	.3052	.3076	.2977	.3029
250.					.2636	.2757	.2711	.2726	.2767	.2728	.2684	.2720	.2623	.2635
270.	.2476	.2466	.2385	.2385	.2514	.2575	.2583	.2564	.2581	.2545	.2528	.2525	.2429	.2398
290.				.2357	.2450	.2525	.2572	.2476	.2499	.2494	.2504	.2534	.2361	.2326
310.	.2365	.2506	.2292	.2401	.2395	.2507	.2539	.2456	.2468	.2550	.2482	.2476	.2381	.2415
325.				.2461	.2457	.2522	.2561	.2517	.2496	.2406	.2503	.2542	.2411	.2420
340.		.2608	.2528	.2496	.2583	.2522	.2588	.2582	.2554	.2615	.2562	.2588	.2450	.2489
350.				.2586	.2527	.2638	.2657	.2633	.2664	.2589	.2646	.2634	.2557	.2535
						FOR ALPHA = 1.49 DEG								
0.	.2244	.2051	.2179	.2206	.2230	.2256	.2284	.2310	.2301	.2308	.2284	.2308	.2197	.2188
10.				.1798	.1761	.1879	.1860	.1888	.1831	.1870	.1856	.1815	.1755	.1737
20.		.1646	.1542	.1545	.1547	.1491	.1554	.1543	.1524	.1548	.1505	.1524	.1439	.1471
35.				.1420	.1372	.1453	.1500	.1488	.1472	.1392	.1426	.1452	.1376	.1351
50.	.1338	.1416	.1264	.1354	.1381	.1466	.1512	.1438	.1475	.1511	.1418	.1424	.1329	.1352
70.				.1290	.1428	.1491	.1496	.1447	.1461	.1403	.1411	.1417	.1305	.1289
90.	.1386	.1402	.1347	.1346	.1439	.1475	.1542	.1485	.1473	.1440	.1422	.1436	.1326	.1352
110.					.1502	.1539	.1538	.1568	.1560	.1552	.1524	.1510	.1448	.1474
130.				.1840	.1840	.1831	.1867	.1847	.1854	.1873	.1841	.1875	.1785	.1813
145.	.2492	.2320	.2340	.2448	.2420	.2489	.2414	.2431	.2438	.2411	.2408	.2428	.2330	.2281
160.				.2907	.2898	.2941	.2893	.2927	.2910	.2912	.2894	.2938	.2776	.2826
180.	.3006	.3159	.3222	.3222	.3263	.3286	.3248	.3276	.3241	.3262	.3268	.3136	.3150	.3132
200.				.3391	.3537	.3517	.3466	.3487	.3513	.3509	.3424	.3498	.3360	.3361
215.	.3354	.3304	.3296	.3400	.3486	.3438	.3498	.3445	.3470	.3458	.3456	.3477	.3355	.3356
230.				.3099	.3099	.3136	.3169	.3149	.3156	.3152	.3121	.3138	.3028	.3067
250.					.2611	.2685	.2702	.2709	.2735	.2726	.2645	.2695	.2607	.2609
270.	.2432	.2431	.2343	.2347	.2449	.2505	.2552	.2512	.2518	.2478	.2468	.2487	.2378	.2343
290.				.2251	.2400	.2433	.2490	.2418	.2442	.2438	.2425	.2446	.2295	.2314
310.	.2316	.2445	.2204	.2308	.2319	.2427	.2448	.2379	.2401	.2492	.2424	.2403	.2291	.2314
325.				.2397	.2380	.2408	.2435	.2413	.2459	.2311	.2394	.2457	.2322	.2321
340.		.2460	.2375	.2399	.2459	.2417	.2463	.2446	.2404	.2479	.2433	.2433	.2351	.2340
350.				.2440	.2347	.2436	.2496	.2487	.2471	.2441	.2480	.2481	.2368	.2344
						FOR ALPHA = 2.50 DEG								
0.	.2060	.1887	.2015	.2048	.2077	.2101	.2111	.2111	.2113	.2133	.2128	.2132	.2008	.1989
10.				.1656	.1633	.1719	.1757	.1718	.1647	.1670	.1737	.1722	.1620	.1588
20.		.1539	.1447	.1439	.1472	.1397	.1458	.1443	.1420	.1461	.1442	.1450	.1354	.1377
35.				.1335	.1327	.1410	.1436	.1418	.1380	.1325	.1348	.1422	.1306	.1260
50.	.1303	.1379	.1218	.1294	.1332	.1395	.1459	.1374	.1389	.1460	.1357	.1365	.1264	.1280
70.				.1251	.1374	.1432	.1476	.1401	.1370	.1362	.1375	.1373	.1257	.1219
90.	.1351	.1376	.1292	.1315	.1373	.1395	.1442	.1444	.1416	.1390	.1351	.1389	.1281	.1275
110.					.1457	.1481	.1486	.1523	.1515	.1507	.1474	.1493	.1422	.1384
130.				.1857	.1866	.1800	.1874	.1806	.1875	.1879	.1824	.1816	.1807	.1805
145.	.2637	.2453	.2459	.2601	.2586	.2542	.2532	.2510	.2539	.2536	.2449	.2477	.2411	.2408
160.				.3102	.3153	.3100	.3050	.3162	.3091	.3106	.3038	.3134	.2938	.2978
180.	.3240	.3351	.3480	.3444	.3511	.3451	.3460	.3524	.3474	.3503	.3498	.3391	.3383	.3326
200.				.3622	.3630	.3694	.3741	.3746	.3678	.3710	.3680	.3700	.3528	.3591
215.	.3551	.3475	.3432	.3556	.3611	.3636	.3638	.3601	.3605	.3599	.3608	.3611	.3512	.3490
230.				.3128	.3139	.3166	.3189	.3152	.3196	.3203	.3159	.3173	.3114	.3137
250.					.2571	.2645	.2645	.2661	.2723	.2700	.2620	.2656	.2574	.2547
270.	.2382	.2370	.2335	.2305	.2376	.2443	.2470	.2457	.2481	.2436	.2423	.2438	.2333	.2278
290.				.2231	.2334	.2358	.2410	.2359	.2337	.2348	.2363	.2376	.2235	.2207
310.	.2202	.2350	.2151	.2262	.2260	.2341	.2370	.2311	.2299	.2369	.2314	.2335	.2210	.2246
325.				.2279	.2265	.2316	.2334	.2320	.2311	.2186	.2285	.2357	.2217	.2235
340.		.2334	.2207	.2232	.2303	.2275	.2358	.2318	.2273	.2329	.2290	.2322	.2211	.2215
350.				.2258	.2180	.2295	.2329	.2298	.2302	.2267	.2288	.2320	.2217	.2185
						FOR ALPHA = 3.51 DEG								
0.	.1911	.1745	.1846	.1875	.1904	.1928	.1940	.1937	.1951	.1975	.1958	.1975	.1853	.1873
10.				.1544	.1493	.1590	.1598	.1592	.1581	.1588	.1619	.1607	.1484	.1474
20.		.1465	.1354	.1346	.1392	.1308	.1374	.1364	.1350	.1399	.1348	.1386	.1283	.1313
35.				.1304	.1286	.1330	.1370	.1364	.1339	.1262	.1298	.1340	.1240	.1240
50.	.1260	.1329	.1158	.1249	.1262	.1352	.1397	.1305	.1320	.1409	.1304	.1312	.1209	.1232
70.				.1197	.1325	.1384	.1398	.1351	.1329	.1326	.1318	.1330	.1225	.1192
90.	.1302	.1317	.1265	.1231	.1309	.1376	.1422	.1392	.1371	.1318	.1313	.1341	.1216	.1213
110.					.1398	.1452	.1454	.1455	.1477	.1453	.1434	.1422	.1367	.1351
130.				.1855	.1881	.1845	.1849	.1820	.1851	.1861	.1841	.1870	.1807	.1815
145.	.2807	.2535	.2569	.2692	.2677	.2683	.2635	.2601	.2635	.2600	.2631	.2653	.2513	.2508
160.				.3264	.3334	.3323	.3300	.3282	.3271	.3253	.3252	.3313	.3162	.3203
180.	.3449	.3597	.3681	.3684	.3718	.3719	.3721	.3771	.3725	.3757	.3757	.3603	.3628	.3580
200.				.3850	.3966	.3922	.3942	.3907	.3918	.3953	.3898	.3924	.3757	.3811
215.	.3735	.3609	.3645	.3771	.3802	.3805	.3781	.3766	.3791	.3800	.3751	.3745	.3694	.3703
230.				.3190	.3208	.3184	.3233	.3219	.3250	.3229	.3236	.3247	.3135	.3193
250.					.2567	.2604	.2609	.2639	.2683	.2666	.2606	.2648	.2547	.2539
270.	.2339	.2318	.2301	.2258	.2294	.2377	.2427	.2407	.2402	.2385	.2368	.2392	.2284	.2253
290.				.2157	.2257	.2306	.2357	.2283	.2307	.2325	.2327	.2319	.2188	.2145
310.	.2131	.2237	.2094	.2178	.2193	.2264	.2300	.2241	.2267	.2353	.2240	.2246	.2147	.2173
325.				.2221	.2220	.2263	.2258	.2247	.2226	.2106	.2207	.2256	.2119	.2135
340.		.2217	.2065	.2124	.2241	.2152	.2224	.2194	.2155	.2231	.2172	.2159	.2073	.2093
350.				.2099	.2050	.2151	.2170	.2147	.2137	.2120	.2165	.2137	.2061	.2011

TABLE VI. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = .49 DEG								
0.	.2394	.2390	.2397	.2594	.2508	.2534	.2497	.2504	.2515	.2518	.2515	.2531	.2514	0.
10.	.1920	.1923	.1943	.2154	.2037	.2055	.2030	.2012	.1995	.2049	.2037	.2013	.2089	10.
20.	.1520	.1582	.1563	.1807	.1667	.1903	.1716	.1685	.1683	.1676	.1703	.1690	.1800	20.
35.	.1464	.1486	.1474	.1687	.1488	.1715	.1575	.1547	.1522	.1498	.1482	.1510	.1569	35.
50.	.1397	.1406	.1377	.1647	.1476	.1675	.1529	.1523	.1497	.1429	.1413	.1436	.1490	50.
70.	.1370	.1345	.1351	.1615	.1473	.1665	.1490	.1487	.1456	.1416	.1426	.1376	.1457	70.
90.	.1377	.1369	.1373	.1623	.1500	.1512	.1512	.1473	.1448	.1438	.1431	.1402	.1460	90.
110.	.1520	.1468	.1466	.1661	.1551	.1554	.1560	.1494	.1542	.1612	.1551	.1544	.1499	110.
130.	.1767	.1775	.1748	.1991	.1927	.1923	.1808	.1830	.1905	.1934	.1933	.1870	.1867	130.
145.	.2186	.2123	.2206	.2388	.2300	.2292	.2283	.2310	.1445	.2273	.2291	.2344	.2357	145.
160.	.2614	.2604	.2616	.2808	.2775	.2742	.2755	.2756	.2732	.2717	.2674	.2662	.2739	160.
180.	.2900	.2883	.2894	.2987	.3022	.3006	.3027	.2979	.2953	.2969	.2935	.3016	.2972	180.
200.	.3153	.3147	.3184	.3337	.3244	.3274	.3267	.3308	.3237	.3190	.3210	.3234	.3354	200.
215.	.3206	.3140	.3145	.3312	.3287	.3308	.3295	.3266	.1869	.3325	.3309	.3352	.3330	215.
230.	.2914	.3004	.2940	.3176	.3178	.3122	.3048	.3093	.3160	.3170	.3085	.3066	.3080	230.
250.	.2664	.2604	.2653	.2780	.2678	.2695	.2744	.2734	.2713	.2754	.2672	.2683	.2684	250.
270.	.2438	.2414	.2381	.2636	.2545	.2567	.2597	.2542	.2526	.2477	.2456	.2421	.2472	270.
290.	.2363	.2377	.2337	.2572	.2473	.2621	.2534	.2505	.2484	.2450	.2429	.2382	.2440	290.
310.	.2367	.2381	.2377	.2601	.2458	.2573	.2499	.2535	.2487	.2442	.2370	.2414	.2479	310.
325.	.2424	.2455	.2454	.2643	.2493	.2714	.2540	.2513	.2480	.2480	.2497	.2504	.2586	325.
340.	.2531	.2541	.2520	.2748	.2675	.2837	.2639	.2597	.2594	.2644	.2596	.2599	.2741	340.
350.	.2565	.2590	.2609	.2824	.2738	.2790	.2703	.2676	.2628	.2727	.2760	.2688	.2772	350.
						FOR ALPHA = 1.49 DEG								
0.	.2215	.2196	.2232	.2405	.2323	.2367	.2302	.2346	.2322	.2331	.2343	.2326	.2347	0.
10.	.1793	.1803	.1844	.2000	.1886	.1960	.1915	.1917	.1842	.1895	.1929	.1891	.1975	10.
20.	.1440	.1495	.1511	.1729	.1605	.1808	.1622	.1625	.1601	.1608	.1603	.1592	.1721	20.
35.	.1425	.1411	.1403	.1641	.1469	.1649	.1497	.1472	.1477	.1464	.1418	.1438	.1495	35.
50.	.1339	.1349	.1322	.1609	.1407	.1648	.1474	.1469	.1454	.1374	.1385	.1397	.1437	50.
70.	.1322	.1321	.1297	.1561	.1430	.1618	.1468	.1435	.1401	.1379	.1374	.1360	.1402	70.
90.	.1352	.1353	.1333	.1569	.1464	.1485	.1490	.1439	.1391	.1409	.1409	.1378	.1420	90.
110.	.1461	.1438	.1442	.1614	.1554	.1501	.1518	.1472	.1497	.1616	.1485	.1505	.1481	110.
130.	.1750	.1803	.1763	.1984	.1958	.1914	.1840	.1852	.1875	.1965	.1921	.1897	.1898	130.
145.	.2288	.2236	.2279	.2473	.2427	.2388	.2381	.2388	.1535	.2418	.2392	.2455	.2467	145.
160.	.2780	.2794	.2761	.2997	.2926	.2902	.2963	.2899	.2924	.2873	.2840	.2883	.2885	160.
180.	.3160	.3085	.3130	.3244	.3271	.3273	.3240	.3221	.3218	.3219	.3197	.3219	.3210	180.
200.	.3333	.3367	.3390	.3535	.3497	.3474	.3500	.3520	.3446	.3452	.3404	.3457	.3557	200.
215.	.3298	.3286	.3321	.3456	.3400	.3400	.3446	.3443	.1963	.3458	.3414	.3496	.3498	215.
230.	.2980	.3094	.2996	.3262	.3208	.3196	.3123	.3140	.3235	.3206	.3153	.3153	.3127	230.
250.	.2658	.2563	.2606	.2757	.2644	.2688	.2713	.2686	.2676	.2695	.2655	.2661	.2640	250.
270.	.2409	.2390	.2320	.2569	.2544	.2539	.2578	.2487	.2464	.2474	.2432	.2385	.2408	270.
290.	.2315	.2309	.2288	.2505	.2394	.2574	.2468	.2459	.2416	.2377	.2380	.2320	.2389	290.
310.	.2307	.2310	.2283	.2532	.2385	.2541	.2433	.2442	.2415	.2363	.2332	.2343	.2385	310.
325.	.2370	.2369	.2357	.2582	.2381	.2618	.2454	.2416	.2408	.2367	.2397	.2423	.2497	325.
340.	.2385	.2409	.2421	.2595	.2522	.2724	.2497	.2494	.2445	.2494	.2500	.2460	.2628	340.
350.	.2409	.2419	.2465	.2663	.2534	.2580	.2534	.2534	.2473	.2519	.2542	.2516	.2619	350.
						FOR ALPHA = 2.50 DEG								
0.	.2051	.2025	.2029	.2226	.2158	.2199	.2138	.2138	.2139	.2165	.2167	.2155	.2132	0.
10.	.1662	.1650	.1703	.1873	.1763	.1839	.1763	.1784	.1714	.1769	.1796	.1734	.1831	10.
20.	.1399	.1425	.1393	.1643	.1503	.1729	.1546	.1507	.1511	.1504	.1520	.1508	.1598	20.
35.	.1308	.1362	.1355	.1575	.1394	.1613	.1447	.1424	.1410	.1388	.1372	.1397	.1446	35.
50.	.1277	.1298	.1273	.1547	.1326	.1534	.1419	.1416	.1381	.1297	.1270	.1343	.1388	50.
70.	.1275	.1250	.1275	.1504	.1361	.1570	.1394	.1413	.1339	.1304	.1319	.1280	.1385	70.
90.	.1309	.1290	.1278	.1518	.1390	.1440	.1436	.1386	.1357	.1326	.1357	.1324	.1365	90.
110.	.1432	.1419	.1406	.1575	.1474	.1468	.1489	.1435	.1446	.1523	.1448	.1482	.1434	110.
130.	.1774	.1792	.1777	.2032	.1925	.1939	.1828	.1867	.1945	.1916	.1950	.1889	.1917	130.
145.	.2413	.2358	.2397	.2580	.2504	.2516	.2497	.2493	.1626	.2485	.2536	.2581	.2574	145.
160.	.2965	.3026	.2932	.3158	.3139	.3076	.3189	.3071	.3080	.3082	.3015	.3109	.3052	160.
180.	.3394	.3288	.3321	.3445	.3473	.3513	.3443	.3408	.3427	.3426	.3427	.3417	.3402	180.
200.	.3561	.3538	.3582	.3754	.3656	.3688	.3684	.3709	.3665	.3605	.3636	.3643	.3756	200.
215.	.3479	.3402	.3477	.3654	.3529	.3578	.3581	.3601	.2110	.3590	.3605	.3633	.3653	215.
230.	.3046	.3118	.3056	.3302	.3236	.3247	.3156	.3193	.3266	.3224	.3220	.3191	.3184	230.
250.	.2611	.2553	.2545	.2750	.2613	.2643	.2700	.2625	.2668	.2660	.2606	.2640	.2580	250.
270.	.2311	.2299	.2287	.2508	.2448	.2451	.2492	.2451	.2408	.2384	.2337	.2298	.2368	270.
290.	.2223	.2229	.2223	.2442	.2329	.2504	.2386	.2386	.2344	.2312	.2309	.2241	.2308	290.
310.	.2213	.2216	.2230	.2450	.2318	.2461	.2343	.2385	.2326	.2294	.2244	.2253	.2341	310.
325.	.2260	.2256	.2288	.2494	.2294	.2512	.2343	.2348	.2311	.2274	.2296	.2322	.2432	325.
340.	.2245	.2299	.2260	.2496	.2399	.2574	.2386	.2346	.2345	.2385	.2361	.2354	.2475	340.
350.	.2241	.2249	.2249	.2450	.2331	.2422	.2371	.2329	.2267	.2317	.2376	.2348	.2412	350.
						FOR ALPHA = 3.51 DEG								
0.	.1893	.1886	.1869	.2081	.1999	.2043	.1992	.1976	.1988	.2001	.2008	.2008	.1967	0.
10.	.1553	.1526	.1543	.1764	.1650	.1723	.1631	.1615	.1606	.1649	.1666	.1603	.1661	10.
20.	.1306	.1352	.1328	.1544	.1430	.1658	.1461	.1434	.1408	.1426	.1438	.1416	.1523	20.
35.	.1290	.1305	.1300	.1518	.1340	.1536	.1383	.1360	.1355	.1326	.1291	.1341	.1392	35.
50.	.1237	.1232	.1238	.1491	.1314	.1526	.1341	.1364	.1318	.1265	.1267	.1279	.1351	50.
70.	.1215	.1207	.1205	.1455	.1323	.1535	.1342	.1330	.1291	.1277	.1299	.1243	.1305	70.
90.	.1255	.1226	.1222	.1484	.1357	.1386	.1375	.1324	.1337	.1309	.1311	.1266	.1314	90.
110.	.1414	.1359	.1371	.1502	.1403	.1431	.1431	.1386	.1357	.1438	.1427	.1421	.1401	110.
130.	.1769	.1845	.1787	.2027	.1950	.1929	.1868	.1869	.1946	.1951	.1941	.1964	.1934	130.
145.	.2531	.2481	.2495	.2701	.2611	.2620	.2614	.2583	.1727	.2593	.2662	.2715	.2696	145.
160.	.3134	.3141	.3162	.3363	.3288	.3249	.3288	.3301	.3280	.3234	.3200	.3210	.3300	160.
180.	.3616	.3556	.3587	.3688	.3719	.3735	.3716	.3673	.3670	.3678	.3651	.3688	.3667	180.
200.	.3771	.3822	.3808	.4012	.3935	.3893	.3973	.3940	.3919	.3893	.3846	.3926	.3969	200.
215.	.3663	.3589	.3642	.3767	.3723	.3756	.3756	.3771	.2175	.3796	.3797	.3818	.3816	215.
230.	.3099	.3214	.3148	.3392	.3313	.3301	.3245	.3288	.3365	.3303	.3266	.3278	.3287	230.
250.	.2624	.2532	.2518	.2715	.2618	.2647	.2675	.2605	.2624	.2666	.2605	.2609	.2552	250.
270.	.2300	.2249	.2220	.2474	.2382	.2451	.2447	.2384	.2370	.2326	.2335	.2248	.2290	270.
290.	.2169	.2184	.2170	.2401	.2273	.2449	.2339	.2334	.2301	.2256	.2247	.2196	.2269	290.
310.	.2153	.2153	.2131	.2366	.2239	.2416	.2281	.2288	.2229	.2212	.2201	.2197	.2246	310.
325.	.2182	.2187	.2167	.2393	.2207	.2428	.2266	.2219	.2207	.2192	.2213	.2253	.2304	325.
340.	.2123	.2127	.2149	.2361	.2241	.2430	.2215	.2238	.2212	.2232	.2217	.2176	.2353	340.
350.	.2058	.2092	.2114	.2327	.2254	.2278	.2217	.2196	.2142	.2243	.2227	.2199	.2271	350.

TABLE VI. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 5.50 DEG							
0.	.1564	.1462	.1517	.1585	.1605	.1631	.1639	.1639	.1630	.1647	.1672	.1681	.1548	.1540
10.				.1310	.1265	.1353	.1371	.1346	.1366	.1352	.1380	.1353	.1279	.1258
20.		.1275	.1173	.1191	.1232	.1166	.1218	.1225	.1205	.1245	.1210	.1242	.1128	.1151
35.				.1178	.1159	.1206	.1229	.1220	.1218	.1142	.1189	.1222	.1112	.1128
50.	.1154	.1238	.1061	.1101	.1145	.1226	.1259	.1205	.1215	.1296	.1206	.1194	.1106	.1123
70.				.1086	.1157	.1249	.1299	.1231	.1223	.1221	.1214	.1211	.1105	.1097
90.	.1186	.1207	.1151	.1112	.1160	.1224	.1270	.1260	.1233	.1204	.1188	.1205	.1129	.1114
110.					.1278	.1303	.1323	.1315	.1349	.1303	.1296	.1337	.1256	.1233
130.				.1853	.1857	.1863	.1840	.1833	.1825	.1855	.1810	.1831	.1786	.1792
145.	.3090	.2781	.2900	.3008	.2889	.2919	.2910	.2858	.2851	.2851	.2848	.2794	.2754	.2706
160.				.3698	.3749	.3731	.3703	.3742	.3738	.3672	.3661	.3677	.3619	.3557
180.	.3981	.4052	.4174	.4170	.4220	.4231	.4184	.4248	.4258	.4211	.4214	.4179	.4139	.4115
200.				.4399	.4368	.4394	.4381	.4420	.4445	.4487	.4362	.4338	.4233	.4275
215.	.4100	.3931	.4016	.4150	.4117	.4085	.4127	.4087	.4186	.4115	.4078	.4045	.3993	.4035
230.				.3332	.3353	.3285	.3310	.3264	.3320	.3316	.3318	.3358	.3239	.3287
250.					.2509	.2516	.2504	.2570	.2573	.2562	.2517	.2562	.2473	.2471
270.	.2179	.2204	.2180	.2137	.2173	.2249	.2301	.2274	.2274	.2229	.2237	.2271	.2143	.2125
290.				.2021	.2107	.2148	.2223	.2175	.2176	.2147	.2151	.2188	.2075	.2038
310.	.1852	.1999	.1939	.2040	.2021	.2112	.2152	.2075	.2111	.2156	.2075	.2102	.1989	.2008
325.				.2033	.2012	.2048	.2064	.2075	.2060	.1928	.1987	.2050	.1922	.1949
340.		.1924	.1794	.1908	.1958	.1900	.1958	.1939	.1910	.1946	.1930	.1882	.1809	.1826
350.				.1830	.1757	.1811	.1845	.1813	.1839	.1799	.1841	.1833	.1754	.1728
							FOR ALPHA = 10.50 DEG							
0.	.0977	.0949	.0908	.0975	.0995	.1045	.1067	.1049	.1041	.1053	.1068	.1077	.0939	.0949
10.				.0880	.0836	.0916	.0932	.0921	.0927	.0905	.0918	.0925	.0826	.0835
20.		.0941	.0794	.0844	.0936	.0873	.0915	.0905	.0889	.0907	.0879	.0891	.0807	.0828
35.				.0839	.0871	.0933	.0985	.0936	.0926	.0851	.0896	.0930	.0829	.0847
50.	.0838	.0901	.0820	.0811	.0827	.0964	.1000	.0935	.0957	.1038	.0942	.0930	.0831	.0854
70.				.0802	.0808	.0910	.0970	.0931	.0954	.0924	.0952	.0978	.0850	.0837
90.	.0795	.0822	.0811	.0791	.0768	.0833	.0857	.0862	.0904	.0832	.0846	.0873	.0784	.0797
110.					.0871	.0919	.0918	.0908	.0940	.0894	.0891	.0907	.0849	.0908
130.				.1907	.1836	.1769	.1839	.1776	.1832	.1748	.1828	.1824	.1756	.1848
145.	.3974	.3439	.3670	.3674	.3517	.3620	.3537	.3511	.3482	.3467	.3465	.3450	.3341	.3365
160.				.4812	.4921	.4935	.4866	.4837	.4824	.4859	.4723	.4833	.4654	.4759
180.	.5215	.5392	.5601	.5503	.5536	.5568	.5579	.5580	.5574	.5578	.5570	.5480	.5524	.5433
200.				.5553	.5648	.5680	.5603	.5633	.5645	.5665	.5571	.5579	.5481	.5576
215.	.5089	.4750	.4811	.4972	.4943	.4952	.4917	.4874	.4942	.4891	.4863	.4855	.4881	.4786
230.				.3511	.3491	.3425	.3470	.3448	.3533	.3494	.3459	.3473	.3399	.3469
250.					.2219	.2219	.2236	.2259	.2250	.2264	.2208	.2252	.2212	.2172
270.	.1819	.1887	.1824	.1801	.1808	.1861	.1887	.1870	.1871	.1856	.1846	.1867	.1773	.1777
290.				.1629	.1705	.1770	.1859	.1817	.1784	.1810	.1820	.1850	.1731	.1710
310.	.1433	.1578	.1555	.1565	.1599	.1709	.1761	.1686	.1719	.1791	.1691	.1719	.1598	.1613
325.				.1488	.1554	.1598	.1627	.1595	.1576	.1460	.1545	.1580	.1477	.1473
340.		.1298	.1164	.1261	.1367	.1302	.1367	.1314	.1273	.1313	.1289	.1267	.1199	.1213
350.				.1108	.1066	.1126	.1153	.1136	.1133	.1100	.1132	.1120	.1066	.1061
							FOR ALPHA = 15.50 DEG							
0.	.0566	.0648	.0506	.0526	.0546	.0652	.0660	.0658	.0655	.0647	.0684	.0678	.0506	.0499
10.				.0483	.0506	.0584	.0598	.0597	.0584	.0572	.0573	.0562	.0505	.0492
20.		.0656	.0506	.0497	.0647	.0595	.0622	.0589	.0571	.0575	.0563	.0557	.0494	.0501
35.				.0541	.0577	.0648	.0668	.0635	.0618	.0552	.0587	.0606	.0532	.0518
50.	.0510	.0556	.0502	.0493	.0526	.0629	.0670	.0628	.0652	.0772	.0666	.0646	.0557	.0564
70.				.0439	.0476	.0550	.0593	.0587	.0604	.0609	.0626	.0652	.0557	.0538
90.	.0316	.0379	.0363	.0315	.0314	.0303	.0333	.0323	.0343	.0347	.0334	.0347	.0268	.0267
110.					.0471	.0465	.0450	.0472	.0494	.0481	.0483	.0452	.0443	.0457
130.				.2005	.1937	.1839	.1853	.1842	.1914	.1918	.1916	.1952	.1849	.1914
145.	.4939	.4207	.4515	.4487	.4349	.4425	.4315	.4313	.4281	.4201	.4139	.4167	.4167	.4159
160.				.6000	.6119	.6125	.6203	.6124	.6052	.6098	.6007	.5976	.6010	.6059
180.	.6757	.6856	.7079	.6969	.7026	.7080	.7077	.7099	.7089	.7098	.7099	.7053	.7044	.6996
200.				.6932	.6990	.7035	.6965	.7045	.7012	.7016	.6979	.6985	.6854	.6867
215.	.6153	.5615	.5882	.5969	.5874	.5959	.5824	.5781	.5815	.5725	.5695	.5757	.5693	.5712
230.				.3720	.3647	.3611	.3618	.3549	.3623	.3599	.3583	.3634	.3548	.3636
250.					.1903	.1911	.1899	.1869	.1897	.1882	.1830	.1872	.1852	.1839
270.	.1280	.1465	.1405	.1380	.1348	.1356	.1397	.1370	.1396	.1379	.1383	.1393	.1307	.1294
290.				.1241	.1310	.1360	.1437	.1422	.1402	.1432	.1474	.1498	.1375	.1359
310.	.0929	.1081	.1123	.1148	.1199	.1308	.1348	.1294	.1319	.1414	.1328	.1331	.1216	.1235
325.				.1002	.1080	.1143	.1151	.1109	.1093	.0997	.1067	.1108	.0999	.0986
340.		.0705	.0612	.0669	.0795	.0706	.0731	.0693	.0677	.0686	.0677	.0638	.0591	.0597
350.				.0517	.0485	.0538	.0571	.0546	.0552	.0545	.0565	.0564	.0496	.0481
							FOR ALPHA = 20.49 DEG							
0.	.0260	.0361	.0217	.0229	.0244	.0375	.0415	.0388	.0389	.0385	.0447	.0439	.0234	.0242
10.				.0247	.0233	.0309	.0343	.0321	.0307	.0280	.0305	.0297	.0228	.0228
20.		.0232	.0147	.0204	.0346	.0277	.0298	.0277	.0265	.0264	.0251	.0230	.0171	.0190
35.				.0184	.0218	.0298	.0312	.0300	.0287	.0216	.0237	.0250	.0186	.0191
50.	.0105	.0153	.0078	.0117	.0139	.0251	.0307	.0293	.0321	.0458	.0316	.0300	.0236	.0263
70.				-.0053	-.0051	-.0024	.0006	.0025	.0062	.0084	.0121	.0160	.0153	.0146
90.	-.0116	-.0105	-.0139	-.0230	-.0257	-.0277	-.0322	-.0319	-.0365	-.0388	-.0412	-.0449	-.0482	-.0496
110.					.0366	.0341	.0269	.0263	.0298	.0248	.0214	.0227	.0225	.0240
130.				.2205	.2109	.2029	.2045	.2010	.2054	.2091	.2094	.2075	.2066	.2071
145.	.5886	.5011	.5371	.5398	.5109	.5219	.5151	.5134	.5074	.4943	.4887	.4866	.4821	.4913
160.				.7425	.7428	.7437	.7523	.7500	.7411	.7414	.7269	.7274	.7313	.7299
180.	.8325	.8331	.8650	.8566	.8571	.8599	.8622	.8592	.8664	.8599	.8593	.8607	.8650	.8551
200.				.8288	.8360	.8433	.8425	.8404	.8364	.8369	.8301	.8331	.8214	.8347
215.	.7274	.6543	.6841	.6856	.6676	.6806	.6696	.6677	.6712	.6586	.6584	.6585	.6566	.6565
230.				.3918	.3779	.3753	.3730	.3702	.3798	.3705	.3805	.3784	.3725	.3808
250.					.1578	.1597	.1583	.1563	.1644	.1579	.1556	.1572	.1520	.1538
270.	.0882	.0991	.0970	.0884	.0822	.0857	.0826	.0791	.0780	.0740	.0759	.0727	.0637	.0606
290.				.0801	.0811	.0901	.0956	.0959	.0966	.1010	.1040	.1089	.0986	.1008
310.	.0363	.0574	.0569	.0694	.0715	.0879	.0932	.0901	.0938	.1052	.0962	.0972	.0863	.0877
325.				.0525	.0578	.0654	.0700	.0660	.0666	.0558	.0618	.0623	.0527	.0531
340.		.0252	.0121	.0126	.0235	.0120	.0120	.0071	.0050	.0062	.0052	.0033	-.0019	.0008
350.				.0085	.0061	.0080	.0113	.0101	.0085	.0085	.0108	.0109	.0057	.0055

TABLE VI. - CONTINUED

(G) MACH = 2.50, BETA = 2.99 DEG, CONCLUDED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = 5.50 DEG								
0.	.1544	.1541	.1563	.1740	.1686	.1698	.1640	.1667	.1633	.1683	.1648	.1642	.1645	0.
10.	.1288	.1323	.1328	.1546	.1418	.1481	.1443	.1407	.1379	.1407	.1399	.1382	.1424	10.
20.	.1179	.1195	.1188	.1411	.1284	.1481	.1305	.1285	.1255	.1262	.1245	.1244	.1355	20.
35.	.1168	.1174	.1156	.1381	.1203	.1445	.1268	.1236	.1211	.1184	.1198	.1227	.1265	35.
50.	.1134	.1133	.1139	.1378	.1199	.1410	.1241	.1258	.1196	.1154	.1167	.1184	.1246	50.
70.	.1119	.1126	.1117	.1373	.1218	.1432	.1253	.1222	.1189	.1180	.1200	.1165	.1213	70.
90.	.1132	.1129	.1100	.1353	.1244	.1265	.1274	.1206	.1206	.1211	.1179	.1168	.1191	90.
110.	.1291	.1237	.1229	.1415	.1293	.1308	.1300	.1253	.1290	.1313	.1275	.1275	.1245	110.
130.	.1776	.1846	.1795	.2017	.1923	.1949	.1878	.1893	.1954	.1920	.1966	.1963	.1953	130.
145.	.2705	.2713	.2758	.2922	.2836	.2800	.2853	.2836	.1990	.2838	.2840	.2961	.2953	145.
160.	.3630	.3513	.3545	.3784	.3661	.3759	.3685	.3675	.3704	.3599	.3707	.3603	.3669	160.
180.	.4117	.4070	.4055	.4201	.4166	.4222	.4235	.4137	.4183	.4129	.4140	.4215	.4123	180.
200.	.4276	.4227	.4286	.4439	.4422	.4369	.4363	.4420	.4338	.4383	.4345	.4329	.4457	200.
215.	.3979	.3888	.4020	.4103	.4034	.4062	.4055	.4136	.2404	.4111	.4130	.4132	.4216	215.
230.	.3174	.3273	.3248	.3480	.3441	.3376	.3308	.3381	.3425	.3431	.3357	.3358	.3400	230.
250.	.2501	.2412	.2447	.2621	.2522	.2526	.2554	.2514	.2521	.2543	.2471	.2483	.2453	250.
270.	.2147	.2126	.2117	.2365	.2278	.2296	.2318	.2284	.2262	.2222	.2181	.2124	.2202	270.
290.	.2057	.2033	.2038	.2281	.2147	.2317	.2175	.2178	.2168	.2120	.2107	.2045	.2127	290.
310.	.1981	.2021	.1975	.2215	.2092	.2266	.2137	.2108	.2070	.2068	.2046	.2070	.2082	310.
325.	.1987	.1987	.1982	.2199	.2006	.2216	.2054	.2024	.2014	.2000	.2003	.2050	.2105	325.
340.	.1837	.1900	.1874	.2098	.1992	.2180	.1995	.1968	.1953	.1991	.1960	.1957	.2069	340.
350.	.1743	.1750	.1808	.1988	.1887	.1935	.1865	.1880	.1804	.1876	.1871	.1853	.1950	350.
						FOR ALPHA = 10.50 DEG								
0.	.0959	.0932	.0945	.1148	.1074	.1123	.1019	.1024	.0999	.1040	.1037	.1012	.1018	0.
10.	.0861	.0864	.0883	.1073	.0957	.1053	.0927	.0912	.0866	.0916	.0937	.0907	.0974	10.
20.	.0833	.0844	.0855	.1065	.0931	.1108	.0894	.0897	.0860	.0895	.0896	.0875	.0999	20.
35.	.0866	.0871	.0893	.1110	.0914	.1128	.0904	.0910	.0890	.0893	.0886	.0921	.0987	35.
50.	.0857	.0863	.0868	.1109	.0927	.1129	.0929	.0967	.0926	.0911	.0887	.0904	.0954	50.
70.	.0869	.0869	.0864	.1099	.0927	.1148	.0955	.0962	.0934	.0925	.0929	.0894	.0930	70.
90.	.0817	.0801	.0761	.0997	.0853	.0898	.0925	.0894	.0876	.0865	.0856	.0829	.0844	90.
110.	.0899	.0876	.0880	.1014	.0880	.0841	.0908	.0908	.0859	.0885	.0800	.0837	.0831	110.
130.	.1781	.1817	.1798	.1985	.1941	.1911	.1851	.1952	.1993	.2009	.1959	.1937	.1960	130.
145.	.3370	.3325	.3388	.3473	.3448	.3418	.3421	.3446	.2310	.3518	.3544	.3567	.3598	145.
160.	.4624	.4682	.4725	.4903	.4813	.4733	.4808	.4804	.4758	.4713	.4686	.4759	.4883	160.
180.	.5516	.5432	.5431	.5491	.5540	.5594	.5573	.5476	.5449	.5496	.5539	.5574	.5464	180.
200.	.5475	.5475	.5547	.5715	.5576	.5547	.5610	.5650	.5592	.5502	.5511	.5544	.5719	200.
215.	.4756	.4689	.4773	.4888	.4872	.4831	.4838	.4872	.3110	.4931	.4911	.4936	.4971	215.
230.	.3375	.3414	.3391	.3673	.3607	.3592	.3465	.3554	.3663	.3612	.3561	.3512	.3559	230.
250.	.2225	.2146	.2165	.2319	.2206	.2214	.2255	.2217	.2179	.2206	.2128	.2143	.2128	250.
270.	.1803	.1757	.1765	.1990	.1902	.1932	.1937	.1928	.1878	.1857	.1826	.1760	.1837	270.
290.	.1741	.1750	.1722	.1939	.1786	.2002	.1865	.1843	.1808	.1771	.1734	.1768	.1807	290.
310.	.1604	.1614	.1587	.1860	.1693	.1882	.1762	.1739	.1725	.1683	.1658	.1686	.1707	310.
325.	.1494	.1487	.1471	.1743	.1548	.1776	.1582	.1532	.1535	.1513	.1527	.1554	.1590	325.
340.	.1241	.1252	.1224	.1463	.1351	.1543	.1357	.1328	.1313	.1354	.1329	.1313	.1397	340.
350.	.1067	.1071	.1108	.1320	.1201	.1273	.1175	.1177	.1129	.1180	.1175	.1158	.1231	350.
						FOR ALPHA = 15.50 DEG								
0.	.0520	.0513	.0506	.0711	.0643	.0708	.0602	.0596	.0565	.0617	.0618	.0583	.0581	0.
10.	.0502	.0498	.0511	.0716	.0579	.0696	.0572	.0569	.0550	.0584	.0598	.0567	.0618	10.
20.	.0496	.0499	.0499	.0734	.0578	.0773	.0582	.0584	.0562	.0575	.0567	.0562	.0661	20.
35.	.0541	.0524	.0519	.0787	.0590	.0817	.0610	.0593	.0577	.0576	.0561	.0593	.0638	35.
50.	.0538	.0537	.0531	.0819	.0608	.0854	.0662	.0654	.0634	.0608	.0612	.0630	.0660	50.
70.	.0546	.0525	.0515	.0805	.0615	.0851	.0639	.0616	.0620	.0610	.0597	.0583	.0598	70.
90.	.0305	.0281	.0263	.0533	.0373	.0457	.0468	.0425	.0400	.0393	.0398	.0384	.0367	90.
110.	.0469	.0411	.0437	.0620	.0478	.0480	.0464	.0450	.0411	.0413	.0371	.0342	.0322	110.
130.	.1912	.1932	.1855	.2131	.2081	.2167	.2076	.2091	.2150	.2127	.2148	.2109	.2045	130.
145.	.4100	.3999	.4017	.4129	.4182	.4186	.4210	.4169	.2843	.4250	.4284	.4280	.4245	145.
160.	.5986	.6001	.5981	.6109	.6011	.6000	.6112	.6067	.6003	.5983	.6052	.6075	.6095	160.
180.	.7020	.6919	.6994	.7034	.6997	.7017	.6999	.6940	.6970	.6959	.6991	.7032	.6962	180.
200.	.6871	.6933	.6918	.7010	.6962	.6883	.6991	.6966	.6861	.6849	.6873	.6989	.7090	200.
215.	.5693	.5561	.5617	.5723	.5687	.5715	.5725	.5701	.3922	.5735	.5834	.5806	.5796	215.
230.	.3571	.3624	.3589	.3826	.3788	.3784	.3656	.3791	.3817	.3787	.3737	.3691	.3764	230.
250.	.1892	.1871	.1825	.1983	.1866	.1842	.1904	.1817	.1786	.1788	.1693	.1761	.1685	250.
270.	.1312	.1292	.1280	.1520	.1404	.1475	.1489	.1470	.1430	.1413	.1401	.1341	.1375	270.
290.	.1382	.1381	.1377	.1621	.1466	.1661	.1491	.1481	.1457	.1425	.1426	.1400	.1435	290.
310.	.1221	.1211	.1198	.1463	.1270	.1492	.1338	.1327	.1304	.1266	.1256	.1281	.1314	310.
325.	.1022	.1008	.1004	.1258	.1049	.1282	.1073	.1044	.1012	.0988	.0996	.1028	.1089	325.
340.	.0614	.0631	.0611	.0854	.0706	.0902	.0725	.0719	.0713	.0749	.0723	.0713	.0777	340.
350.	.0485	.0493	.0504	.0744	.0590	.0706	.0580	.0566	.0561	.0579	.0592	.0567	.0600	350.
						FOR ALPHA = 20.49 DEG								
0.	.0243	.0257	.0254	.0457	.0394	.0464	.0347	.0344	.0300	.0360	.0362	.0329	.0329	0.
10.	.0243	.0265	.0280	.0477	.0331	.0448	.0324	.0323	.0299	.0338	.0353	.0341	.0380	10.
20.	.0212	.0229	.0228	.0458	.0289	.0481	.0289	.0292	.0272	.0301	.0296	.0276	.0341	20.
35.	.0202	.0228	.0219	.0472	.0248	.0510	.0286	.0272	.0246	.0235	.0222	.0255	.0297	35.
50.	.0230	.0239	.0231	.0516	.0287	.0534	.0346	.0349	.0325	.0290	.0255	.0308	.0343	50.
70.	.0167	.0169	.0153	.0449	.0258	.0506	.0259	.0256	.0242	.0235	.0201	.0198	.0214	70.
90.	-.0446	-.0532	-.0571	-.0271	-.0513	-.0421	-.0501	-.0518	-.0538	-.0548	-.0502	-.0577	-.0580	90.
110.	.0273	.0223	.0195	.0400	.0235	.0234	.0225	.0187	.0174	.0169	.0150	.0140	.0098	110.
130.	.2110	.2129	.2092	.2308	.2272	.2366	.2250	.2317	.2332	.2317	.2353	.2297	.2270	130.
145.	.4845	.4737	.4891	.4994	.4938	.4913	.4929	.5024	.3560	.4983	.5040	.5023	.5093	145.
160.	.7240	.7353	.7366	.7385	.7393	.7253	.7434	.7412	.7260	.7311	.7293	.7406	.7433	160.
180.	.8536	.8472	.8522	.8552	.8546	.8519	.8524	.8483	.8499	.8550	.8523	.8586	.8481	180.
200.	.8251	.8311	.8316	.8390	.8266	.8253	.8339	.8347	.8209	.8125	.8292	.8320	.8464	200.
215.	.6534	.6406	.6530	.6630	.6557	.6506	.6533	.6562	.4701	.6591	.6658	.6687	.6743	215.
230.	.3731	.3812	.3761	.3957	.3953	.3963	.3831	.3943	.3944	.3969	.3952	.3898	.3949	230.
250.	.1627	.1574	.1561	.1702	.1571	.1575	.1589	.1530	.1472	.1482	.1442	.1447	.1384	250.
270.	.0604	.0580	.0566	.0768	.0652	.0649	.0665	.0679	.0597	.0651	.0586	.0586	.0616	270.
290.	.1000	.1028	.1023	.1290	.1113	.1320	.1126	.1115	.1116	.1091	.1086	.1075	.1092	290.
310.	.0852	.0844	.0867	.1097	.0923	.1124	.0931	.0961	.0912	.0933	.0904	.0941	.1005	310.
325.	.0548	.0539	.0525	.0810	.0604	.0830	.0586	.0544	.0530	.0527	.0512	.0539	.0579	325.
340.	.0009	.0029	.0017	.0267	.0098	.0314	.0103	.0101	.0109	.0165	.0149	.0149	.0191	340.
350.	.0054	.0062	.0074	.0283	.0134	.0257	.0114	.0105	.0084	.0121	.0121	.0122	.0158	350.

TABLE VI. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -4.50 DEG							
0.	.3447	.3181	.3301	.3408	.3370	.3396	.3442	.3470	.3485	.3492	.3460	.3472	.3352	.3340
10.				.2409	.2337	.2485	.2483	.2445	.2433	.2422	.2432	.2482	.2292	.2297
20.		.1909	.1794	.1695	.1644	.1501	.1536	.1523	.1533	.1569	.1570	.1620	.1459	.1507
35.				.1288	.1282	.1381	.1429	.1436	.1452	.1392	.1433	.1474	.1347	.1363
50.	.1293	.1305	.1200	.1274	.1281	.1415	.1458	.1402	.1397	.1509	.1404	.1433	.1339	.1365
70.				.1267	.1297	.1397	.1424	.1354	.1385	.1371	.1384	.1384	.1270	.1264
90.	.1253	.1259	.1235	.1193	.1324	.1363	.1392	.1337	.1354	.1344	.1349	.1344	.1241	.1221
110.					.1286	.1354	.1345	.1348	.1348	.1319	.1302	.1318	.1241	.1285
130.				.1337	.1338	.1363	.1385	.1401	.1382	.1380	.1363	.1376	.1284	.1316
145.	.1484	.1436	.1474	.1515	.1551	.1511	.1573	.1516	.1522	.1495	.1485	.1506	.1436	.1417
160.				.1699	.1720	.1749	.1749	.1763	.1727	.1696	.1669	.1692	.1621	.1628
180.	.1828	.1939	.1925	.1985	.2023	.1982	.1978	.1991	.1998	.2009	.2014	.1885	.1879	.1842
200.				.2375	.2410	.2378	.2374	.2393	.2349	.2371	.2356	.2344	.2214	.2241
215.	.2595	.2704	.2594	.2745	.2781	.2762	.2784	.2752	.2751	.2716	.2748	.2749	.2602	.2579
230.				.3039	.3078	.3095	.3098	.3103	.3088	.3096	.3044	.3044	.2961	.2996
250.					.3179	.3225	.3215	.3216	.3197	.3205	.3129	.3195	.3106	.3122
270.	.3158	.3145	.3080	.3060	.3178	.3236	.3265	.3259	.3257	.3229	.3209	.3225	.3067	.3051
290.				.3078	.3182	.3242	.3316	.3243	.3293	.3253	.3259	.3267	.3112	.3069
310.	.3260	.3263	.3092	.3221	.3181	.3329	.3386	.3300	.3312	.3411	.3311	.3311	.3276	.3272
325.				.3399	.3329	.3408	.3463	.3469	.3447	.3337	.3413	.3472	.3398	.3372
340.		.3799	.3694	.3592	.3642	.3574	.3669	.3743	.3643	.3735	.3672	.3681	.3593	.3617
350.				.3809	.3663	.3778	.3818	.3891	.3877	.3804	.3870	.3839	.3763	.3760
							FOR ALPHA = -2.50 DEG							
0.	.2940	.2708	.2847	.2951	.2922	.2946	.2994	.3027	.3023	.2997	.3022	.2984	.2873	.2872
10.				.2044	.2007	.2148	.2145	.2113	.2102	.2065	.2118	.2083	.1962	.1972
20.		.1670	.1589	.1497	.1464	.1339	.1395	.1362	.1411	.1400	.1404	.1421	.1343	.1344
35.				.1190	.1150	.1269	.1335	.1328	.1321	.1272	.1327	.1350	.1242	.1246
50.	.1186	.1232	.1090	.1185	.1180	.1306	.1353	.1292	.1317	.1420	.1321	.1338	.1223	.1261
70.				.1173	.1260	.1319	.1352	.1291	.1300	.1266	.1295	.1307	.1180	.1151
90.	.1195	.1236	.1168	.1100	.1261	.1292	.1326	.1318	.1298	.1270	.1276	.1286	.1182	.1191
110.					.1228	.1336	.1306	.1331	.1320	.1316	.1289	.1318	.1245	.1244
130.				.1357	.1380	.1384	.1403	.1422	.1403	.1425	.1405	.1408	.1350	.1358
145.	.1666	.1590	.1606	.1655	.1678	.1705	.1734	.1664	.1665	.1646	.1656	.1640	.1579	.1576
160.				.1984	.1994	.2050	.1968	.2009	.1972	.2005	.1969	.1972	.1868	.1879
180.	.2147	.2260	.2259	.2338	.2390	.2369	.2332	.2385	.2364	.2355	.2365	.2281	.2262	.2207
200.				.2749	.2744	.2804	.2800	.2800	.2786	.2812	.2738	.2737	.2558	.2646
215.	.2900	.2979	.2945	.3046	.3120	.3066	.3145	.3072	.3145	.3115	.3118	.3121	.2937	.2934
230.				.3236	.3229	.3247	.3302	.3276	.3299	.3323	.3256	.3244	.3151	.3183
250.					.3104	.3210	.3208	.3194	.3218	.3222	.3177	.3208	.3129	.3137
270.	.3042	.3051	.2932	.2950	.3085	.3119	.3162	.3137	.3146	.3130	.3106	.3120	.2997	.2996
290.				.2940	.3051	.3127	.3186	.3128	.3127	.3111	.3099	.3148	.2972	.2957
310.	.3011	.3055	.2879	.3043	.3021	.3123	.3194	.3124	.3156	.3207	.3149	.3136	.3032	.3085
325.				.3126	.3121	.3169	.3268	.3230	.3228	.3097	.3207	.3256	.3150	.3115
340.		.3367	.3360	.3259	.3300	.3290	.3367	.3362	.3321	.3395	.3347	.3382	.3261	.3275
350.				.3363	.3241	.3393	.3419	.3428	.3433	.3369	.3423	.3446	.3377	.3249
							FOR ALPHA = -1.50 DEG							
0.	.2743	.2505	.2635	.2691	.2739	.2738	.2771	.2776	.2810	.2801	.2763	.2822	.2682	.2659
10.				.1879	.1858	.2001	.1996	.1996	.1944	.1936	.1953	.1908	.1820	.1802
20.		.1583	.1478	.1410	.1393	.1254	.1314	.1341	.1328	.1353	.1331	.1361	.1247	.1289
35.				.1161	.1155	.1233	.1286	.1306	.1271	.1225	.1245	.1297	.1199	.1212
50.	.1174	.1203	.1061	.1153	.1160	.1265	.1317	.1252	.1283	.1379	.1256	.1270	.1192	.1202
70.				.1118	.1219	.1281	.1320	.1240	.1276	.1261	.1262	.1260	.1150	.1106
90.	.1196	.1192	.1121	.1074	.1235	.1285	.1297	.1276	.1271	.1257	.1251	.1261	.1151	.1161
110.					.1228	.1311	.1296	.1316	.1315	.1299	.1276	.1302	.1203	.1235
130.				.1357	.1408	.1381	.1412	.1393	.1424	.1432	.1447	.1408	.1343	.1383
145.	.1801	.1649	.1684	.1787	.1778	.1793	.1820	.1733	.1765	.1762	.1760	.1735	.1661	.1646
160.				.2138	.2177	.2136	.2162	.2161	.2149	.2155	.2106	.2144	.1994	.2034
180.	.2328	.2440	.2478	.2501	.2585	.2584	.2551	.2606	.2585	.2595	.2579	.2467	.2446	.2426
200.				.2945	.2999	.2959	.2968	.3016	.3029	.3025	.2999	.2968	.2815	.2868
215.	.3084	.3144	.3084	.3240	.3294	.3232	.3295	.3256	.3289	.3297	.3319	.3286	.3159	.3146
230.				.3305	.3311	.3367	.3389	.3390	.3389	.3392	.3356	.3352	.3264	.3263
250.					.3109	.3207	.3203	.3236	.3226	.3232	.3166	.3187	.3140	.3113
270.	.3004	.3007	.2879	.2891	.3028	.3078	.3142	.3102	.3088	.3105	.3066	.3091	.2943	.2936
290.				.2888	.2997	.3075	.3102	.3069	.3054	.3046	.3055	.3037	.2900	.2882
310.	.2905	.2976	.2828	.2947	.2951	.3061	.3119	.3015	.3060	.3112	.3081	.3061	.2947	.2980
325.				.3009	.3026	.3088	.3106	.3121	.3112	.2983	.3081	.3152	.3030	.2996
340.		.3199	.3226	.3092	.3152	.3159	.3237	.3214	.3148	.3261	.3201	.3197	.3104	.3123
350.				.3138	.3055	.3155	.3214	.3231	.3224	.3194	.3209	.3240	.3119	.3080
							FOR ALPHA = -.49 DEG							
0.	.2532	.2315	.2432	.2497	.2536	.2541	.2572	.2587	.2591	.2589	.2558	.2561	.2446	.2478
10.				.1768	.1730	.1846	.1874	.1821	.1789	.1744	.1806	.1802	.1692	.1691
20.		.1501	.1392	.1335	.1321	.1205	.1253	.1269	.1267	.1299	.1265	.1263	.1183	.1217
35.				.1117	.1122	.1212	.1248	.1272	.1261	.1183	.1218	.1253	.1136	.1148
50.	.1140	.1211	.1047	.1138	.1146	.1237	.1273	.1241	.1229	.1324	.1206	.1213	.1133	.1157
70.				.1063	.1187	.1243	.1269	.1249	.1227	.1216	.1220	.1210	.1115	.1093
90.	.1181	.1212	.1102	.1088	.1176	.1238	.1258	.1260	.1261	.1235	.1217	.1216	.1133	.1099
110.					.1199	.1273	.1280	.1295	.1279	.1276	.1246	.1255	.1215	.1204
130.				.1357	.1426	.1416	.1423	.1453	.1442	.1441	.1426	.1419	.1376	.1415
145.	.1931	.1763	.1728	.1847	.1879	.1838	.1899	.1833	.1822	.1831	.1825	.1831	.1763	.1725
160.				.2266	.2311	.2335	.2309	.2294	.2285	.2314	.2274	.2300	.2229	.2193
180.	.2541	.2654	.2693	.2725	.2777	.2784	.2763	.2775	.2793	.2784	.2769	.2669	.2666	.2602
200.				.3155	.3240	.3212	.3211	.3212	.3186	.3202	.3189	.3205	.3009	.3049
215.	.3247	.3286	.3254	.3388	.3445	.3425	.3476	.3429	.3443	.3457	.3479	.3462	.3340	.3325
230.				.3348	.3372	.3436	.3469	.3428	.3448	.3455	.3448	.3420	.3330	.3370
250.					.3107	.3192	.3188	.3200	.3224	.3186	.3132	.3175	.3123	.3098
270.	.2943	.2936	.2879	.2830	.2956	.3049	.3055	.3049	.3029	.3025	.2999	.3008	.2893	.2884
290.				.2805	.2902	.2952	.3026	.2972	.2972	.2975	.2981	.2969	.2829	.2827
310.	.2815	.2923	.2738	.2861	.2842	.2972	.3009	.2926	.2962	.3048	.2966	.2966	.2858	.2874
325.				.2902	.2911	.2981	.3009	.3010	.3002	.2864	.2988	.3039	.2886	.2900
340.		.3035	.3044	.2938	.3027	.2975	.3072	.3067	.2986	.3075	.3038	.3049	.2920	.2905
350.				.2948	.2865	.2997	.3032	.3002	.3034	.2970	.3039	.2995	.2874	.2870

TABLE VI. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -4.50 DEG								
0.	.3399	.3368	.3380	.3532	.3459	.3493	.3481	.3487	.3455	.3458	.3474	.3516	.3505	0.
10.	.2323	.2351	.2362	.2514	.2465	.2483	.2458	.2401	.2334	.2451	.2464	.2444	.2516	10.
20.	.1532	.1527	.1534	.1736	.1684	.1891	.1710	.1728	.1694	.1748	.1728	.1722	.1887	20.
35.	.1404	.1374	.1417	.1593	.1441	.1667	.1445	.1454	.1414	.1412	.1392	.1336	.1430	35.
50.	.1345	.1358	.1330	.1564	.1403	.1587	.1415	.1423	.1362	.1325	.1333	.1360	.1405	50.
70.	.1281	.1276	.1243	.1496	.1354	.1533	.1379	.1348	.1305	.1317	.1318	.1302	.1357	70.
90.	.1283	.1258	.1245	.1465	.1345	.1369	.1343	.1337	.1295	.1321	.1325	.1282	.1348	90.
110.	.1302	.1256	.1236	.1435	.1314	.1326	.1351	.1345	.1391	.1392	.1323	.1309	.1247	110.
130.	.1275	.1339	.1303	.1508	.1453	.1407	.1389	.1422	.1432	.1402	.1354	.1412	.1412	130.
145.	.1397	.1385	.1437	.1573	.1497	.1489	.1505	.1485	.0756	.1456	.1472	.1547	.1558	145.
160.	.1628	.1610	.1617	.1813	.1769	.1743	.1736	.1729	.1718	.1668	.1636	.1623	.1713	160.
180.	.1857	.1832	.1871	.1981	.1998	.1967	.1979	.1972	.1985	.1979	.1927	.1966	.1962	180.
200.	.2208	.2216	.2232	.2395	.2337	.2343	.2363	.2373	.2334	.2301	.2293	.2355	.2412	200.
215.	.2615	.2555	.2646	.2775	.2719	.2701	.2678	.2749	.1378	.2774	.2728	.2752	.2820	215.
230.	.2921	.3003	.2978	.3193	.3135	.3124	.3023	.3083	.3130	.3088	.3081	.3037	.3068	230.
250.	.3143	.3088	.3102	.3254	.3154	.3166	.3220	.3174	.3168	.3228	.3144	.3160	.3110	250.
270.	.3128	.3086	.3024	.3314	.3229	.3249	.3263	.3169	.3185	.3122	.3126	.3048	.3100	270.
290.	.3148	.3120	.3058	.3336	.3216	.3346	.3258	.3219	.3245	.3171	.3173	.3094	.3159	290.
310.	.3255	.3254	.3195	.3464	.3286	.3395	.3320	.3315	.3319	.3237	.3207	.3226	.3278	310.
325.	.3419	.3448	.3410	.3586	.3394	.3588	.3477	.3394	.3398	.3370	.3376	.3437	.3477	325.
340.	.3631	.3669	.3686	.3838	.3792	.3953	.3741	.3744	.3669	.3723	.3668	.3669	.3904	340.
350.	.3797	.3796	.3792	.4021	.3915	.3947	.3914	.3848	.3775	.3866	.3925	.3873	.3946	350.
						FOR ALPHA = -2.50 DEG								
0.	.2929	.2871	.2912	.3041	.3026	.3046	.2985	.3019	.2959	.3025	.3025	.3023	.3025	0.
10.	.2010	.2044	.2058	.2197	.2125	.2188	.2159	.2106	.2009	.2106	.2171	.2155	.2222	10.
20.	.1384	.1391	.1366	.1589	.1522	.1724	.1571	.1530	.1508	.1560	.1556	.1562	.1682	20.
35.	.1276	.1304	.1285	.1543	.1329	.1559	.1382	.1340	.1359	.1321	.1305	.1292	.1324	35.
50.	.1215	.1241	.1219	.1487	.1309	.1482	.1331	.1334	.1290	.1236	.1206	.1258	.1315	50.
70.	.1175	.1200	.1166	.1425	.1287	.1447	.1307	.1281	.1230	.1253	.1214	.1214	.1288	70.
90.	.1226	.1192	.1183	.1410	.1274	.1317	.1299	.1268	.1230	.1233	.1263	.1222	.1281	90.
110.	.1232	.1227	.1225	.1403	.1286	.1255	.1298	.1309	.1328	.1378	.1274	.1307	.1274	110.
130.	.1302	.1373	.1323	.1543	.1496	.1448	.1397	.1421	.1521	.1506	.1438	.1407	.1401	130.
145.	.1578	.1538	.1595	.1758	.1683	.1679	.1663	.1693	.1044	.1674	.1683	.1672	.1727	145.
160.	.1898	.1877	.1904	.2092	.2047	.2042	.2027	.2025	.2020	.1988	.1960	.1926	.1982	160.
180.	.2237	.2164	.2218	.2327	.2372	.2361	.2329	.2332	.2335	.2360	.2321	.2328	.2329	180.
200.	.2639	.2641	.2640	.2760	.2726	.2721	.2751	.2772	.2720	.2701	.2699	.2753	.2810	200.
215.	.2960	.2903	.3022	.3150	.3055	.3075	.3031	.3093	.1660	.3076	.3098	.3119	.3175	215.
230.	.3092	.3212	.3128	.3389	.3367	.3292	.3251	.3251	.3322	.3313	.3239	.3266	.3232	230.
250.	.3176	.3063	.3120	.3225	.3164	.3178	.3188	.3197	.3175	.3247	.3137	.3135	.3146	250.
270.	.3031	.3009	.2955	.3190	.3126	.3142	.3178	.3096	.3071	.3030	.3021	.2972	.3020	270.
290.	.3000	.2998	.2947	.3150	.3074	.3203	.3118	.3084	.3054	.3036	.3032	.2964	.3026	290.
310.	.3065	.3054	.3022	.3252	.3083	.3227	.3137	.3143	.3111	.3029	.3030	.3048	.3112	310.
325.	.3181	.3170	.3185	.3344	.3177	.3368	.3216	.3199	.3167	.3150	.3136	.3156	.3268	325.
340.	.3273	.3367	.3316	.3542	.3393	.3612	.3446	.3360	.3371	.3335	.3351	.3382	.3510	340.
350.	.3347	.3355	.3401	.3551	.3482	.3538	.3481	.3456	.3326	.3438	.3506	.3453	.3553	350.
						FOR ALPHA = -1.50 DEG								
0.	.2680	.2673	.2684	.2866	.2816	.2832	.2787	.2792	.2786	.2823	.2814	.2829	.2803	0.
10.	.1848	.1850	.1911	.2092	.2009	.2017	.1948	.1957	.1914	.1997	.1996	.1959	.2066	10.
20.	.1305	.1276	.1326	.1531	.1445	.1652	.1437	.1475	.1444	.1473	.1470	.1451	.1614	20.
35.	.1237	.1243	.1236	.1460	.1293	.1512	.1315	.1288	.1291	.1282	.1256	.1249	.1295	35.
50.	.1188	.1197	.1178	.1433	.1273	.1451	.1298	.1304	.1262	.1208	.1180	.1221	.1284	50.
70.	.1135	.1129	.1134	.1400	.1241	.1430	.1246	.1236	.1219	.1199	.1200	.1155	.1257	70.
90.	.1199	.1150	.1143	.1382	.1242	.1287	.1255	.1222	.1208	.1195	.1237	.1181	.1242	90.
110.	.1251	.1204	.1198	.1372	.1273	.1261	.1274	.1268	.1294	.1358	.1291	.1303	.1265	110.
130.	.1332	.1401	.1354	.1539	.1477	.1465	.1424	.1452	.1486	.1516	.1489	.1468	.1441	130.
145.	.1684	.1632	.1682	.1788	.1782	.1782	.1764	.1757	.1142	.1788	.1803	.1793	.1789	145.
160.	.2006	.2070	.2014	.2237	.2190	.2125	.2227	.2143	.2159	.2133	.2082	.2146	.2136	160.
180.	.2462	.2402	.2392	.2507	.2575	.2574	.2566	.2511	.2518	.2568	.2535	.2561	.2504	180.
200.	.2835	.2852	.2832	.3017	.2980	.2935	.2953	.2932	.2945	.2943	.2889	.2963	.2997	200.
215.	.3135	.3066	.3131	.3340	.3230	.3247	.3207	.3215	.1842	.3224	.3243	.3299	.3297	215.
230.	.3241	.3286	.3225	.3514	.3421	.3435	.3308	.3360	.3449	.3351	.3395	.3337	.3330	230.
250.	.3166	.3099	.3073	.3211	.3143	.3177	.3226	.3149	.3165	.3220	.3128	.3176	.3102	250.
270.	.2968	.2986	.2923	.3128	.3073	.3072	.3152	.3063	.3007	.2977	.2955	.2947	.2979	270.
290.	.2930	.2917	.2875	.3089	.3000	.3147	.3029	.3004	.2990	.2959	.2964	.2877	.2956	290.
310.	.2993	.2985	.2924	.3152	.2994	.3165	.3069	.3042	.3018	.2939	.2955	.2984	.3006	310.
325.	.3082	.3057	.3064	.3254	.3075	.3255	.3107	.3076	.3082	.3060	.3037	.3040	.3140	325.
340.	.3117	.3188	.3171	.3353	.3280	.3468	.3268	.3231	.3183	.3228	.3208	.3213	.3390	340.
350.	.3135	.3126	.3191	.3381	.3241	.3269	.3247	.3264	.3163	.3200	.3238	.3215	.3355	350.
						FOR ALPHA = -.49 DEG								
0.	.2504	.2482	.2486	.2658	.2590	.2652	.2592	.2590	.2570	.2602	.2636	.2622	.2599	0.
10.	.1704	.1762	.1768	.1945	.1872	.1891	.1863	.1814	.1768	.1865	.1865	.1858	.1903	10.
20.	.1203	.1270	.1225	.1489	.1377	.1561	.1425	.1367	.1385	.1406	.1382	.1413	.1496	20.
35.	.1161	.1199	.1207	.1415	.1240	.1442	.1276	.1264	.1238	.1224	.1167	.1210	.1277	35.
50.	.1147	.1153	.1113	.1378	.1213	.1395	.1264	.1250	.1212	.1165	.1109	.1189	.1213	50.
70.	.1108	.1126	.1109	.1357	.1207	.1413	.1231	.1225	.1172	.1164	.1181	.1145	.1208	70.
90.	.1150	.1120	.1108	.1360	.1234	.1251	.1225	.1185	.1206	.1203	.1188	.1144	.1194	90.
110.	.1226	.1179	.1166	.1372	.1233	.1239	.1244	.1219	.1295	.1308	.1262	.1275	.1239	110.
130.	.1362	.1392	.1355	.1586	.1504	.1499	.1418	.1455	.1543	.1547	.1542	.1494	.1459	130.
145.	.1738	.1677	.1752	.1903	.1852	.1846	.1820	.1844	.1268	.1871	.1880	.1875	.1879	145.
160.	.2176	.2197	.2205	.2414	.2352	.2319	.2370	.2348	.2337	.2304	.2271	.2306	.2325	160.
180.	.2655	.2619	.2613	.2723	.2737	.2754	.2783	.2727	.2738	.2735	.2718	.2779	.2717	180.
200.	.3035	.3064	.3068	.3242	.3191	.3167	.3170	.3170	.3142	.3132	.3118	.3180	.3240	200.
215.	.3298	.3258	.3319	.3434	.3427	.3408	.3423	.3428	.1893	.3436	.3387	.3501	.3512	215.
230.	.3335	.3363	.3281	.3601	.3519	.3517	.3367	.3418	.3551	.3464	.3488	.3400	.3406	230.
250.	.3167	.3069	.3061	.3196	.3129	.3170	.3197	.3133	.3133	.3208	.3120	.3126	.3072	250.
270.	.2947	.2895	.2848	.3083	.3027	.3048	.3047	.2985	.2967	.2933	.2932	.2849	.2912	270.
290.	.2863	.2866	.2813	.3028	.2918	.3060	.2976	.2953	.2928	.2878	.2874	.2831	.2903	290.
310.	.2856	.2878	.2857	.3034	.2929	.3044	.2965	.2981	.2897	.2879	.2831	.2861	.2940	310.
325.	.2915	.2965	.2937	.3129	.2921	.3139	.3018	.2950	.2944	.2897	.2913	.2969	.3015	325.
340.	.2938	.2981	.2996	.3167	.3122	.3294	.3064	.3061	.2992	.3080	.3035	.3007	.3207	340.
350.	.2918	.2933	.2962	.3141	.3081	.3118	.3062	.3029	.2930	.3059	.3087	.3031	.3107	350.

TABLE VI. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = .50 DEG								
0.	.2335	.2144	.2234	.2318	.2322	.2338	.2419	.2407	.2397	.2358	.2378	.2389	.2246	.2263
10.				.1630	.1584	.1711	.1699	.1722	.1674	.1618	.1657	.1649	.1545	.1569
20.		.1398	.1302	.1252	.1257	.1160	.1195	.1206	.1180	.1224	.1188	.1229	.1118	.1156
35.				.1084	.1076	.1167	.1192	.1205	.1192	.1118	.1155	.1187	.1122	.1128
50.	.1088	.1155	.1018	.1074	.1098	.1203	.1240	.1162	.1177	.1269	.1165	.1166	.1095	.1099
70.				.1027	.1149	.1224	.1240	.1196	.1179	.1158	.1165	.1153	.1067	.1047
90.	.1139	.1169	.1088	.1043	.1164	.1237	.1242	.1215	.1200	.1179	.1169	.1176	.1072	.1064
110.					.1180	.1212	.1239	.1245	.1249	.1238	.1224	.1231	.1171	.1158
130.				.1365	.1401	.1401	.1416	.1400	.1416	.1467	.1465	.1439	.1375	.1396
145.	.2041	.1874	.1861	.1950	.1929	.1948	.1954	.1934	.1901	.1912	.1890	.1944	.1846	.1782
160.				.2494	.2500	.2456	.2481	.2490	.2464	.2477	.2463	.2475	.2348	.2387
180.	.2731	.2891	.2932	.2940	.2988	.2981	.2974	.3004	.2990	.3002	.3018	.2893	.2889	.2787
200.				.3360	.3371	.3436	.3429	.3436	.3464	.3441	.3450	.3413	.3272	.3329
215.	.3426	.3428	.3411	.3559	.3605	.3630	.3674	.3631	.3584	.3630	.3626	.3649	.3524	.3444
230.				.3493	.3426	.3541	.3529	.3516	.3575	.3538	.3493	.3541	.3392	.3446
250.					.3065	.3164	.3184	.3178	.3175	.3168	.3127	.3179	.3107	.3078
270.	.2911	.2882	.2733	.2800	.2918	.2963	.3033	.2963	.2972	.2986	.2913	.2973	.2864	.2846
290.				.2724	.2823	.2906	.2961	.2904	.2890	.2905	.2878	.2923	.2736	.2748
310.	.2734	.2881	.2586	.2802	.2778	.2843	.2936	.2864	.2883	.2956	.2881	.2904	.2731	.2799
325.				.2826	.2816	.2844	.2921	.2890	.2898	.2753	.2847	.2926	.2779	.2766
340.		.2862	.2793	.2787	.2877	.2823	.2972	.2885	.2869	.2949	.2880	.2884	.2759	.2783
350.				.2751	.2680	.2764	.2810	.2815	.2844	.2778	.2818	.2811	.2717	.2612
						FOR ALPHA = 1.50 DEG								
0.	.2155	.1967	.2058	.2124	.2158	.2152	.2195	.2210	.2206	.2197	.2184	.2185	.2079	.2065
10.				.1469	.1465	.1588	.1548	.1542	.1526	.1507	.1547	.1541	.1405	.1412
20.		.1288	.1215	.1170	.1164	.1097	.1117	.1131	.1125	.1147	.1155	.1158	.1063	.1071
35.				.1060	.1042	.1116	.1149	.1147	.1122	.1081	.1123	.1127	.1048	.1058
50.	.1041	.1117	.0972	.1026	.1061	.1154	.1193	.1121	.1137	.1205	.1120	.1107	.1036	.1050
70.				.0973	.1116	.1174	.1210	.1152	.1139	.1115	.1113	.1109	.1010	.0982
90.	.1082	.1110	.1042	.0991	.1083	.1186	.1208	.1177	.1166	.1124	.1113	.1125	.1026	.1020
110.					.1138	.1172	.1175	.1235	.1219	.1201	.1164	.1189	.1116	.1117
130.				.1378	.1398	.1364	.1401	.1418	.1392	.1431	.1441	.1414	.1351	.1392
145.	.2143	.1926	.1963	.2059	.2047	.2026	.2013	.1991	.2012	.1990	.2000	.1951	.1949	.1914
160.				.2653	.2654	.2684	.2607	.2670	.2690	.2710	.2637	.2610	.2504	.2531
180.	.2946	.3092	.3180	.3137	.3172	.3185	.3184	.3256	.3206	.3239	.3249	.3110	.3098	.3072
200.				.3554	.3591	.3641	.3634	.3636	.3634	.3628	.3662	.3630	.3463	.3568
215.	.3593	.3627	.3586	.3725	.3767	.3819	.3806	.3808	.3842	.3787	.3767	.3794	.3738	.3678
230.				.3531	.3507	.3557	.3577	.3586	.3630	.3605	.3566	.3582	.3533	.3557
250.					.3035	.3090	.3138	.3178	.3198	.3169	.3080	.3152	.3070	.3062
270.	.2847	.2821	.2762	.2729	.2837	.2882	.2960	.2961	.2931	.2913	.2889	.2905	.2781	.2781
290.				.2652	.2773	.2810	.2899	.2821	.2813	.2821	.2844	.2862	.2701	.2636
310.	.2641	.2750	.2610	.2692	.2706	.2793	.2840	.2758	.2775	.2857	.2791	.2788	.2641	.2669
325.				.2712	.2721	.2800	.2831	.2823	.2754	.2637	.2762	.2791	.2653	.2622
340.		.2734	.2604	.2611	.2741	.2687	.2771	.2744	.2691	.2797	.2708	.2720	.2612	.2607
350.				.2555	.2497	.2608	.2626	.2619	.2610	.2597	.2628	.2602	.2539	.2434
						FOR ALPHA = 2.50 DEG								
0.	.1974	.1800	.1866	.1957	.1957	.1986	.2020	.2030	.2002	.1999	.2014	.2004	.1895	.1896
10.				.1385	.1328	.1440	.1448	.1405	.1400	.1375	.1405	.1415	.1304	.1304
20.		.1203	.1125	.1104	.1103	.1024	.1053	.1045	.1083	.1089	.1071	.1096	.1004	.1021
35.				.1035	.1003	.1066	.1107	.1086	.1091	.1025	.1067	.1103	.0991	.1015
50.	.1005	.1069	.0945	.0965	.1022	.1107	.1167	.1067	.1083	.1165	.1066	.1064	.0970	.1018
70.				.0938	.1055	.1136	.1154	.1095	.1091	.1066	.1065	.1078	.0964	.0964
90.	.1038	.1057	.1009	.0974	.1024	.1129	.1157	.1120	.1097	.1066	.1060	.1102	.0979	.0981
110.					.1071	.1145	.1129	.1150	.1160	.1143	.1116	.1127	.1060	.1078
130.				.1386	.1391	.1379	.1386	.1384	.1391	.1387	.1434	.1411	.1336	.1351
145.	.2236	.1995	.2122	.2220	.2094	.2128	.2108	.2092	.2078	.2059	.2075	.2073	.1999	.1975
160.				.2817	.2837	.2835	.2810	.2847	.2813	.2800	.2760	.2837	.2693	.2651
180.	.3123	.3284	.3412	.3416	.3412	.3364	.3427	.3499	.3445	.3397	.3445	.3356	.3368	.3297
200.				.3808	.3803	.3881	.3847	.3874	.3922	.3902	.3801	.3824	.3752	.3793
215.	.3786	.3761	.3752	.3936	.3923	.3926	.3985	.4001	.4016	.3956	.3964	.4005	.3902	.3853
230.				.3637	.3566	.3595	.3656	.3674	.3678	.3659	.3639	.3669	.3563	.3611
250.					.3029	.3107	.3131	.3140	.3152	.3115	.3085	.3126	.3009	.3036
270.	.2779	.2742	.2715	.2688	.2793	.2851	.2882	.2873	.2874	.2835	.2819	.2870	.2708	.2710
290.				.2588	.2684	.2764	.2825	.2731	.2737	.2744	.2745	.2785	.2600	.2601
310.	.2526	.2620	.2496	.2626	.2595	.2691	.2784	.2663	.2697	.2760	.2678	.2704	.2565	.2608
325.				.2620	.2625	.2679	.2716	.2682	.2694	.2564	.2630	.2676	.2563	.2541
340.		.2558	.2413	.2498	.2598	.2524	.2643	.2617	.2563	.2634	.2572	.2560	.2436	.2470
350.				.2407	.2344	.2397	.2456	.2470	.2448	.2362	.2440	.2445	.2307	.2255
						FOR ALPHA = 3.51 DEG								
0.	.1799	.1654	.1713	.1763	.1790	.1824	.1839	.1835	.1827	.1821	.1836	.1837	.1723	.1749
10.				.1240	.1209	.1318	.1309	.1300	.1268	.1258	.1298	.1294	.1196	.1224
20.		.1146	.1054	.1018	.1045	.0984	.0997	.1026	.1003	.1051	.1018	.1041	.0966	.0961
35.				.0984	.0958	.1020	.1054	.1038	.1023	.0977	.1021	.1048	.0963	.0956
50.	.0980	.1055	.0916	.0927	.0963	.1051	.1103	.1028	.1030	.1129	.1044	.1016	.0954	.0958
70.				.0916	.0995	.1064	.1110	.1053	.1038	.1022	.1042	.1036	.0929	.0903
90.	.0999	.1018	.0970	.0933	.0994	.1050	.1085	.1068	.1053	.1017	.1015	.1042	.0946	.0933
110.					.1051	.1075	.1095	.1089	.1104	.1094	.1052	.1069	.1019	.1019
130.				.1391	.1403	.1361	.1385	.1370	.1384	.1410	.1393	.1384	.1319	.1345
145.	.2417	.2094	.2188	.2318	.2246	.2256	.2220	.2212	.2181	.2196	.2152	.2195	.2085	.2118
160.				.2999	.3043	.3022	.2986	.2978	.2996	.3049	.3015	.3005	.2901	.2903
180.	.3399	.3503	.3657	.3624	.3683	.3634	.3637	.3696	.3694	.3696	.3681	.3614	.3601	.3549
200.				.4036	.4074	.4091	.4079	.4095	.4068	.4194	.4116	.4059	.3981	.4022
215.	.4009	.3979	.3949	.4111	.4201	.4088	.4152	.4141	.4180	.4146	.4191	.4109	.4068	.3985
230.				.3625	.3664	.3692	.3712	.3682	.3695	.3747	.3725	.3681	.3651	.3671
250.					.3015	.3126	.3028	.3088	.3061	.3124	.3053	.3075	.3031	.3006
270.	.2730	.2720	.2680	.2614	.2696	.2780	.2813	.2795	.2774	.2791	.2749	.2768	.2698	.2642
290.				.2482	.2639	.2682	.2738	.2689	.2667	.2665	.2677	.2650	.2533	.2515
310.	.2383	.2537	.2440	.2505	.2530	.2612	.2660	.2607	.2605	.2656	.2606	.2583	.2469	.2539
325.				.2525	.2512	.2593	.2580	.2567	.2552	.2428	.2507	.2531	.2418	.2415
340.		.2392	.2292	.2361	.2442	.2422	.2473	.2445	.2406	.2429	.2403	.2379	.2299	.2294
350.				.2205	.2152	.2238	.2253	.2231	.2227	.2203	.2223	.2223	.2127	.2082

TABLE VI. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = .50 DEG								
0.	.2269	.2281	.2264	.2452	.2370	.2473	.2386	.2366	.2375	.2381	.2450	.2413	.2377	0.
10.	.1591	.1598	.1635	.1795	.1714	.1743	.1683	.1677	.1625	.1713	.1710	.1681	.1761	10.
20.	.1148	.1196	.1168	.1402	.1304	.1505	.1330	.1288	.1289	.1330	.1316	.1324	.1414	20.
35.	.1130	.1145	.1138	.1371	.1197	.1402	.1210	.1186	.1192	.1189	.1156	.1156	.1209	35.
50.	.1100	.1098	.1091	.1373	.1196	.1373	.1200	.1210	.1199	.1141	.1095	.1129	.1198	50.
70.	.1064	.1066	.1050	.1324	.1156	.1380	.1187	.1162	.1136	.1101	.1130	.1104	.1150	70.
90.	.1108	.1097	.1075	.1321	.1188	.1202	.1187	.1148	.1158	.1154	.1144	.1126	.1159	90.
110.	.1178	.1153	.1120	.1311	.1201	.1186	.1196	.1147	.1202	.1268	.1203	.1230	.1179	110.
130.	.1359	.1392	.1355	.1596	.1496	.1479	.1406	.1445	.1552	.1524	.1525	.1513	.1486	130.
145.	.1816	.1802	.1879	.2001	.1928	.1930	.1950	.1971	.1380	.1944	.1961	.2021	.2027	145.
160.	.2353	.2349	.2390	.2600	.2451	.2474	.2486	.2534	.2533	.2398	.2429	.2427	.2529	160.
180.	.2882	.2826	.2855	.2938	.2974	.2974	.2983	.2962	.2959	.2971	.2940	.2989	.2945	180.
200.	.3282	.3259	.3307	.3458	.3342	.3422	.3392	.3413	.3343	.3293	.3371	.3383	.3504	200.
215.	.3454	.3418	.3508	.3583	.3554	.3554	.3569	.3623	.2026	.3571	.3523	.3624	.3692	215.
230.	.3400	.3469	.3380	.3617	.3583	.3580	.3473	.3516	.3582	.3534	.3528	.3523	.3507	230.
250.	.3148	.3022	.3093	.3213	.3121	.3155	.3146	.3153	.3142	.3195	.3108	.3064	.3097	250.
270.	.2890	.2846	.2837	.3010	.2970	.2990	.3011	.2975	.2892	.2884	.2876	.2908	.2893	270.
290.	.2780	.2773	.2752	.2926	.2867	.3022	.2890	.2883	.2823	.2834	.2843	.2746	.2836	290.
310.	.2796	.2781	.2762	.2967	.2828	.2988	.2879	.2865	.2828	.2787	.2769	.2773	.2840	310.
325.	.2834	.2810	.2820	.3026	.2868	.3037	.2877	.2842	.2845	.2839	.2811	.2836	.2917	325.
340.	.2778	.2865	.2828	.3050	.2897	.3140	.2955	.2900	.2887	.2861	.2842	.2890	.3028	340.
350.	.2713	.2752	.2760	.2959	.2850	.2875	.2876	.2834	.2764	.2836	.2833	.2842	.2910	350.
						FOR ALPHA = 1.50 DEG								
0.	.2077	.2077	.2064	.2275	.2201	.2235	.2182	.2177	.2195	.2211	.2208	.2208	.2182	0.
10.	.1459	.1445	.1513	.1691	.1565	.1603	.1539	.1570	.1524	.1560	.1563	.1525	.1630	10.
20.	.1106	.1125	.1110	.1336	.1223	.1428	.1258	.1237	.1216	.1244	.1234	.1234	.1340	20.
35.	.1079	.1095	.1102	.1329	.1126	.1365	.1173	.1163	.1150	.1119	.1107	.1110	.1176	35.
50.	.1037	.1075	.1040	.1305	.1135	.1327	.1186	.1169	.1125	.1081	.1046	.1130	.1147	50.
70.	.1027	.1040	.1002	.1272	.1122	.1330	.1167	.1129	.1087	.1069	.1061	.1079	.1102	70.
90.	.1044	.1051	.1023	.1264	.1122	.1157	.1165	.1115	.1099	.1073	.1083	.1082	.1114	90.
110.	.1145	.1108	.1097	.1272	.1163	.1167	.1161	.1134	.1176	.1223	.1174	.1176	.1155	110.
130.	.1362	.1395	.1347	.1570	.1524	.1499	.1423	.1441	.1526	.1558	.1543	.1522	.1493	130.
145.	.1931	.1861	.1927	.2060	.2003	.2013	.1995	.2032	.1458	.1986	.2081	.2092	.2106	145.
160.	.2534	.2523	.2503	.2766	.2699	.2660	.2673	.2652	.2690	.2645	.2605	.2607	.2651	160.
180.	.3100	.3055	.3045	.3136	.3196	.3195	.3206	.3147	.3141	.3198	.3159	.3208	.3140	180.
200.	.3512	.3528	.3490	.3715	.3603	.3638	.3676	.3604	.3605	.3531	.3564	.3679	.3675	200.
215.	.3660	.3558	.3659	.3822	.3762	.3767	.3711	.3761	.2217	.3782	.3755	.3739	.3831	215.
230.	.3442	.3573	.3450	.3707	.3622	.3625	.3561	.3573	.3667	.3596	.3574	.3616	.3571	230.
250.	.3122	.3043	.3070	.3165	.3092	.3109	.3173	.3133	.3088	.3159	.3072	.3099	.3069	250.
270.	.2826	.2794	.2754	.2983	.2875	.2929	.2963	.2901	.2871	.2796	.2812	.2765	.2821	270.
290.	.2699	.2742	.2692	.2868	.2760	.2948	.2863	.2819	.2762	.2723	.2774	.2728	.2766	290.
310.	.2697	.2701	.2689	.2877	.2714	.2894	.2796	.2813	.2744	.2666	.2680	.2697	.2773	310.
325.	.2714	.2744	.2722	.2930	.2729	.2946	.2794	.2736	.2737	.2706	.2725	.2756	.2812	325.
340.	.2638	.2694	.2674	.2911	.2757	.2971	.2785	.2758	.2774	.2733	.2726	.2724	.2880	340.
350.	.2519	.2553	.2533	.2769	.2691	.2736	.2678	.2613	.2582	.2677	.2688	.2655	.2693	350.
						FOR ALPHA = 2.50 DEG								
0.	.1907	.1906	.1936	.2096	.2006	.2065	.2014	.2046	.2013	.2016	.2028	.2034	.2046	0.
10.	.1378	.1365	.1378	.1559	.1452	.1530	.1459	.1429	.1394	.1449	.1472	.1439	.1483	10.
20.	.1023	.1059	.1055	.1278	.1167	.1406	.1178	.1164	.1154	.1177	.1190	.1151	.1261	20.
35.	.1029	.1038	.1044	.1280	.1079	.1294	.1103	.1098	.1102	.1075	.1039	.1054	.1122	35.
50.	.0993	.1009	.1001	.1254	.1091	.1282	.1110	.1115	.1072	.1042	.1009	.1067	.1113	50.
70.	.0980	.0991	.0984	.1218	.1090	.1295	.1112	.1092	.1026	.1053	.1041	.1034	.1088	70.
90.	.1003	.0995	.0970	.1220	.1111	.1115	.1105	.1056	.1044	.1074	.1048	.1025	.1056	90.
110.	.1099	.1065	.1066	.1225	.1111	.1102	.1097	.1094	.1094	.1163	.1113	.1124	.1109	110.
130.	.1334	.1392	.1381	.1556	.1519	.1470	.1402	.1474	.1506	.1556	.1498	.1523	.1555	130.
145.	.1951	.1986	.2003	.2157	.2072	.2037	.2119	.2043	.1554	.2063	.2072	.2239	.2205	145.
160.	.2681	.2739	.2714	.2919	.2846	.2810	.2883	.2649	.2646	.2795	.2779	.2821	.2863	160.
180.	.3319	.3250	.3293	.3412	.3398	.3407	.3388	.3387	.3421	.3347	.3362	.3401	.3388	180.
200.	.3701	.3740	.3786	.3918	.3832	.3786	.3862	.3916	.3807	.3760	.3715	.3864	.4000	200.
215.	.3821	.3746	.3862	.3945	.3847	.3901	.3982	.3973	.2307	.3890	.3902	.3929	.4049	215.
230.	.3534	.3618	.3558	.3739	.3728	.3711	.3605	.3687	.3696	.3730	.3662	.3661	.3687	230.
250.	.3103	.2980	.3051	.3126	.3052	.3078	.3111	.3108	.3046	.3114	.3045	.3041	.3055	250.
270.	.2755	.2719	.2706	.2898	.2847	.2855	.2845	.2866	.2788	.2775	.2738	.2695	.2779	270.
290.	.2665	.2651	.2605	.2816	.2721	.2887	.2766	.2729	.2711	.2691	.2706	.2631	.2677	290.
310.	.2613	.2615	.2592	.2840	.2668	.2788	.2717	.2716	.2704	.2620	.2565	.2618	.2677	310.
325.	.2564	.2621	.2623	.2804	.2649	.2824	.2698	.2658	.2618	.2623	.2600	.2668	.2738	325.
340.	.2467	.2524	.2502	.2711	.2599	.2816	.2630	.2593	.2570	.2586	.2570	.2571	.2708	340.
350.	.2316	.2359	.2382	.2602	.2502	.2513	.2506	.2477	.2423	.2486	.2457	.2497	.2548	350.
						FOR ALPHA = 3.51 DEG								
0.	.1761	.1700	.1703	.1914	.1852	.1886	.1809	.1813	.1823	.1854	.1845	.1822	.1808	0.
10.	.1255	.1244	.1256	.1450	.1366	.1423	.1349	.1324	.1286	.1359	.1358	.1313	.1362	10.
20.	.0970	.1003	.0997	.1216	.1118	.1328	.1123	.1110	.1078	.1116	.1106	.1081	.1184	20.
35.	.0985	.0999	.1001	.1240	.1024	.1251	.1073	.1067	.1065	.1015	.0992	.1022	.1091	35.
50.	.0967	.0974	.0966	.1228	.1030	.1237	.1074	.1079	.1038	.0983	.0973	.1027	.1076	50.
70.	.0947	.0952	.0938	.1205	.1033	.1271	.1075	.1045	.1016	.0997	.1026	.0995	.1031	70.
90.	.0962	.0964	.0921	.1174	.1041	.1080	.1081	.1014	.1013	.1001	.1009	.1002	.1006	90.
110.	.1038	.1026	.1017	.1185	.1055	.1046	.1070	.1040	.1066	.1102	.1048	.1077	.1052	110.
130.	.1310	.1362	.1358	.1557	.1490	.1458	.1387	.1454	.1507	.1531	.1483	.1492	.1529	130.
145.	.2133	.2042	.2097	.2236	.2167	.2221	.2184	.2199	.1659	.2160	.2286	.2310	.2319	145.
160.	.2915	.2926	.2915	.3093	.3092	.3046	.3083	.3057	.3028	.3043	.3002	.3021	.3079	160.
180.	.3569	.3503	.3526	.3659	.3662	.3659	.3647	.3611	.3670	.3661	.3625	.3663	.3602	180.
200.	.4009	.4032	.3938	.4142	.4026	.4111	.4171	.4071	.4022	.3945	.4036	.4135	.4135	200.
215.	.4027	.3966	.4006	.4157	.4054	.4080	.4105	.4104	.2398	.4112	.4104	.4171	.4183	215.
230.	.3639	.3670	.3610	.3848	.3784	.3836	.3676	.3737	.3814	.3766	.3793	.3712	.3753	230.
250.	.3062	.2961	.2938	.3157	.3012	.3045	.3091	.3007	.3064	.3056	.3003	.3013	.2948	250.
270.	.2674	.2682	.2625	.2846	.2770	.2783	.2849	.2767	.2742	.2704	.2669	.2660	.2681	270.
290.	.2574	.2558	.2515	.2746	.2671	.2757	.2675	.2648	.2644	.2645	.2577	.2544	.2592	290.
310.	.2461	.2510	.2467	.2717	.2569	.2708	.2615	.2593	.2579	.2527	.2493	.2521	.2558	310.
325.	.2461	.2482	.2478	.2724	.2520	.2695	.2542	.2505	.2539	.2497	.2478	.2511	.2577	325.
340.	.2304	.2379	.2349	.2554	.2449	.2629	.2485	.2455	.2420	.2441	.2390	.2419	.2562	340.
350.	.2103	.2137	.2193	.2406	.2320	.2355	.2276	.2294	.2226	.2302	.2301	.2249	.2370	350.

TABLE VI. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONTINUED

THETA, DEG	.0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							CP AT X/L =							
							FOR ALPHA = 5.50 DEG							
0.	.1505	.1362	.1378	.1463	.1479	.1524	.1527	.1530	.1512	.1511	.1527	.1532	.1408	.1401
10.				.1052	.0992	.1098	.1105	.1081	.1088	.1062	.1111	.1097	.0998	.0994
20.		.1003	.0883	.0876	.0938	.0853	.0915	.0899	.0902	.0930	.0897	.0912	.0839	.0857
35.				.0847	.0859	.0913	.0955	.0949	.0953	.0875	.0918	.0950	.0862	.0889
50.	.0913	.0979	.0810	.0812	.0841	.0942	.0999	.0942	.0937	.1045	.0933	.0935	.0846	.0873
70.				.0799	.0830	.0939	.1008	.0962	.0931	.0932	.0934	.0936	.0841	.0834
90.	.0899	.0914	.0847	.0824	.0848	.0926	.0942	.0953	.0943	.0907	.0893	.0921	.0841	.0818
110.					.0889	.0935	.0931	.0924	.0930	.0933	.0918	.0933	.0903	.0877
130.				.1369	.1351	.1347	.1316	.1299	.1342	.1329	.1351	.1322	.1279	.1302
145.	.2664	.2298	.2465	.2525	.2465	.2456	.2439	.2441	.2433	.2352	.2325	.2367	.2206	.2239
160.				.3344	.3431	.3456	.3402	.3402	.3411	.3390	.3370	.3364	.3278	.3335
180.	.3857	.3960	.4090	.4093	.4125	.4155	.4126	.4173	.4172	.4178	.4191	.4092	.4126	.4080
200.				.4563	.4568	.4555	.4563	.4591	.4584	.4622	.4580	.4526	.4465	.4521
215.	.4402	.4301	.4283	.4464	.4467	.4488	.4480	.4481	.4515	.4496	.4484	.4479	.4372	.4404
230.				.3811	.3763	.3806	.3814	.3786	.3858	.3838	.3794	.3813	.3770	.3815
250.					.2946	.3031	.2966	.2996	.3028	.3021	.3000	.3030	.2948	.2903
270.	.2599	.2589	.2576	.2545	.2577	.2654	.2706	.2685	.2658	.2604	.2627	.2655	.2548	.2515
290.				.2375	.2471	.2560	.2625	.2543	.2516	.2507	.2501	.2551	.2387	.2400
310.	.2191	.2335	.2236	.2334	.2342	.2465	.2515	.2434	.2434	.2506	.2409	.2393	.2293	.2365
325.				.2327	.2317	.2372	.2407	.2364	.2363	.2217	.2279	.2351	.2208	.2208
340.		.2105	.1993	.2088	.2187	.2118	.2178	.2149	.2119	.2142	.2120	.2090	.1988	.2027
350.				.1885	.1834	.1872	.1928	.1907	.1896	.1883	.1899	.1885	.1797	.1740
							FOR ALPHA = 10.50 DEG							
0.	.0852	.0769	.0763	.0810	.0829	.0892	.0886	.0893	.0883	.0888	.0910	.0902	.0760	.0773
10.				.0618	.0631	.0704	.0696	.0705	.0708	.0688	.0696	.0672	.0624	.0627
20.		.0730	.0593	.0633	.0734	.0638	.0695	.0691	.0678	.0697	.0670	.0661	.0608	.0617
35.				.0608	.0647	.0706	.0757	.0732	.0716	.0648	.0685	.0704	.0641	.0653
50.	.0655	.0691	.0585	.0575	.0582	.0719	.0783	.0706	.0722	.0828	.0710	.0705	.0619	.0638
70.				.0543	.0558	.0636	.0705	.0685	.0690	.0685	.0691	.0705	.0609	.0601
90.	.0546	.0553	.0525	.0483	.0497	.0546	.0565	.0566	.0569	.0568	.0574	.0593	.0513	.0523
110.					.0466	.0493	.0499	.0504	.0486	.0490	.0469	.0507	.0476	.0496
130.				.1333	.1268	.1236	.1234	.1215	.1259	.1256	.1282	.1267	.1224	.1246
145.	.3492	.2936	.3151	.3197	.3034	.3077	.2992	.3018	.3030	.2935	.2883	.2858	.2859	.2880
160.				.4477	.4550	.4519	.4512	.4463	.4533	.4502	.4411	.4442	.4336	.4418
180.	.5137	.5314	.5501	.5425	.5501	.5522	.5497	.5529	.5488	.5582	.5523	.5434	.5508	.5424
200.				.5771	.5817	.5938	.5932	.5857	.5885	.5895	.5814	.5863	.5805	.5815
215.	.5449	.5130	.5282	.5395	.5453	.5435	.5390	.5368	.5326	.5364	.5353	.5361	.5351	.5349
230.				.4044	.4068	.3971	.4011	.3983	.4071	.4025	.4035	.4066	.3933	.4054
250.					.2698	.2747	.2681	.2712	.2747	.2741	.2684	.2744	.2689	.2658
270.	.2212	.2262	.2226	.2194	.2193	.2235	.2264	.2230	.2248	.2248	.2240	.2284	.2141	.2136
290.				.1979	.2075	.2109	.2187	.2152	.2119	.2133	.2161	.2195	.2066	.2044
310.	.1663	.1816	.1830	.1880	.1921	.2010	.2087	.1969	.1987	.2049	.1985	.2011	.1880	.1919
325.				.1754	.1789	.1855	.1868	.1844	.1811	.1657	.1748	.1829	.1699	.1678
340.		.1362	.1258	.1389	.1472	.1410	.1475	.1407	.1376	.1379	.1365	.1334	.1286	.1288
350.				.1095	.1048	.1081	.1122	.1108	.1090	.1060	.1109	.1081	.1036	.1013
							FOR ALPHA = 15.50 DEG							
0.	.0423	.0464	.0348	.0328	.0343	.0448	.0489	.0482	.0475	.0472	.0501	.0492	.0327	.0330
10.				.0358	.0358	.0438	.0451	.0431	.0442	.0413	.0420	.0413	.0357	.0341
20.		.0535	.0359	.0370	.0521	.0443	.0496	.0460	.0449	.0462	.0441	.0435	.0364	.0377
35.				.0350	.0384	.0476	.0509	.0476	.0473	.0426	.0445	.0455	.0377	.0384
50.	.0339	.0380	.0307	.0325	.0339	.0425	.0479	.0442	.0470	.0593	.0460	.0464	.0367	.0378
70.				.0224	.0235	.0313	.0358	.0362	.0384	.0390	.0404	.0424	.0329	.0318
90.	.0112	.0137	.0089	.0033	-.0009	.0031	.0008	.0014	.0032	.0047	.0039	.0052	-.0019	-.0020
110.					.0056	.0048	.0041	.0038	.0077	.0025	.0030	.0027	.0009	.0027
130.				.1467	.1389	.1315	.1363	.1356	.1392	.1310	.1387	.1382	.1352	.1405
145.	.4384	.3666	.3988	.4064	.3808	.3952	.3774	.3722	.3775	.3690	.3581	.3640	.3626	.3628
160.				.5681	.5749	.5773	.5741	.5707	.5669	.5744	.5612	.5677	.5676	.5681
180.	.6646	.6785	.6950	.6882	.6965	.6983	.6977	.7008	.7014	.7049	.7023	.6992	.7010	.6875
200.				.7138	.7226	.7271	.7176	.7182	.7219	.7267	.7210	.7305	.7081	.7216
215.	.6534	.6081	.6303	.6314	.6325	.6304	.6263	.6242	.6257	.6255	.6283	.6238	.6247	.6159
230.				.4210	.4179	.4126	.4204	.4104	.4200	.4170	.4195	.4212	.4156	.4234
250.					.2366	.2389	.2350	.2381	.2384	.2383	.2378	.2344	.2295	.2316
270.	.1653	.1821	.1777	.1703	.1708	.1755	.1779	.1769	.1794	.1756	.1753	.1782	.1675	.1678
290.				.1526	.1602	.1701	.1737	.1722	.1740	.1743	.1776	.1818	.1695	.1676
310.	.1103	.1292	.1323	.1374	.1408	.1555	.1627	.1564	.1619	.1695	.1616	.1609	.1480	.1501
325.				.1154	.1239	.1311	.1363	.1323	.1321	.1198	.1274	.1291	.1190	.1198
340.		.0692	.0623	.0706	.0808	.0718	.0749	.0697	.0668	.0695	.0669	.0646	.0606	.0611
350.				.0409	.0356	.0409	.0439	.0432	.0436	.0434	.0441	.0449	.0394	.0377
							FOR ALPHA = 20.50 DEG							
0.	.0156	.0235	.0082	.0096	.0103	.0223	.0250	.0248	.0249	.0245	.0299	.0297	.0088	.0092
10.				.0101	.0088	.0172	.0221	.0194	.0206	.0174	.0196	.0179	.0121	.0122
20.		.0220	.0134	.0155	.0291	.0205	.0240	.0209	.0194	.0192	.0182	.0171	.0114	.0144
35.				.0036	.0061	.0178	.0208	.0189	.0187	.0122	.0141	.0151	.0090	.0111
50.	-.0062	-.0011	-.0098	-.0059	-.0012	.0089	.0156	.0140	.0170	.0302	.0155	.0146	.0077	.0102
70.				-.0269	-.0293	-.0269	-.0286	-.0294	-.0243	-.0246	-.0194	-.0142	-.0151	-.0130
90.	-.0346	-.0349	-.0389	-.0498	-.0553	-.0551	-.0586	-.0613	-.0654	-.0701	-.0713	-.0725	-.0766	-.0784
110.					-.0046	-.0099	-.0130	-.0121	-.0135	-.0151	-.0172	-.0176	-.0164	-.0147
130.				.1710	.1596	.1476	.1514	.1451	.1569	.1491	.1558	.1535	.1567	.1560
145.	.5327	.4452	.4743	.4764	.4558	.4639	.4551	.4518	.4483	.4433	.4286	.4337	.4278	.4271
160.				.6940	.7046	.6988	.7044	.7041	.7033	.7031	.6834	.6984	.6831	.6925
180.	.8227	.8227	.8530	.8426	.8508	.8456	.8494	.8523	.8512	.8568	.8578	.8574	.8573	.8474
200.				.8589	.8615	.8644	.8630	.8684	.8654	.8634	.8603	.8643	.8493	.8630
215.	.7643	.7006	.7355	.7334	.7210	.7325	.7177	.7162	.7183	.7120	.7169	.7111	.7169	.7069
230.				.4481	.4368	.4329	.4346	.4273	.4332	.4374	.4359	.4356	.4314	.4408
250.					.2067	.2073	.2035	.2088	.2073	.2049	.2009	.2051	.2001	.2022
270.	.1257	.1391	.1366	.1276	.1244	.1235	.1213	.1199	.1217	.1169	.1146	.1142	.1089	.1032
290.				.1107	.1166	.1217	.1300	.1296	.1301	.1342	.1366	.1412	.1337	.1329
310.	.0527	.0814	.0787	.0961	.0987	.1125	.1186	.1174	.1208	.1311	.1239	.1232	.1143	.1141
325.				.0677	.0750	.0838	.0871	.0857	.0843	.0744	.0810	.0798	.0728	.0709
340.		.0135	.0050	.0061	.0189	.0060	.0055	-.0007	-.0048	-.0029	-.0048	-.0074	-.0103	-.0109
350.				-.0088	-.0118	-.0131	-.0113	-.0145	-.0146	-.0136	-.0115	-.0100	-.0142	-.0147

TABLE VI. - CONTINUED

(H) MACH = 2.50, BETA = 5.02 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 5.50 DEG								
0.	.1422	.1412	.1412	.1608	.1516	.1586	.1512	.1510	.1505	.1513	.1535	.1522	.1503	0.
10.	.1030	.1026	.1038	.1250	.1136	.1209	.1121	.1094	.1081	.1121	.1117	.1080	.1117	10.
20.	.0849	.0892	.0864	.1113	.0980	.1195	.0992	.0952	.0949	.0959	.0958	.0948	.1028	20.
35.	.0896	.0907	.0902	.1126	.0935	.1156	.0980	.0961	.0938	.0907	.0883	.0949	.1005	35.
50.	.0870	.0869	.0858	.1125	.0951	.1149	.0959	.0956	.0926	.0925	.0897	.0920	.0953	50.
70.	.0850	.0860	.0861	.1101	.0936	.1161	.0957	.0936	.0916	.0917	.0923	.0899	.0947	70.
90.	.0865	.0846	.0830	.1072	.0949	.0967	.0951	.0930	.0926	.0915	.0910	.0884	.0915	90.
110.	.0918	.0883	.0877	.1061	.0901	.0907	.0917	.0910	.0931	.0919	.0907	.0914	.0896	110.
130.	.1286	.1323	.1310	.1523	.1429	.1430	.1337	.1395	.1496	.1476	.1479	.1468	.1494	130.
145.	.2245	.2245	.2261	.2408	.2343	.2339	.2377	.2337	.1774	.2331	.2409	.2528	.2496	145.
160.	.3270	.3261	.3284	.3412	.3427	.3407	.3414	.3405	.3332	.3385	.3371	.3340	.3430	160.
180.	.4056	.3984	.4047	.4166	.4160	.4136	.4117	.4131	.4182	.4162	.4109	.4145	.4135	180.
200.	.4458	.4462	.4426	.4592	.4530	.4529	.4575	.4538	.4479	.4442	.4473	.4550	.4616	200.
215.	.4371	.4286	.4394	.4478	.4419	.4421	.4416	.4479	.2653	.4474	.4453	.4511	.4576	215.
230.	.3681	.3822	.3753	.3971	.3862	.3860	.3807	.3861	.3935	.3830	.3844	.3871	.3887	230.
250.	.2973	.2888	.2923	.3050	.2931	.2947	.3018	.2992	.2950	.2965	.2906	.2933	.2950	250.
270.	.2576	.2545	.2485	.2705	.2654	.2690	.2708	.2626	.2601	.2605	.2588	.2517	.2544	270.
290.	.2432	.2416	.2439	.2626	.2534	.2622	.2520	.2554	.2513	.2511	.2438	.2409	.2504	290.
310.	.2298	.2338	.2339	.2564	.2399	.2557	.2443	.2462	.2425	.2365	.2343	.2363	.2444	310.
325.	.2278	.2281	.2260	.2494	.2334	.2505	.2340	.2301	.2303	.2305	.2278	.2321	.2387	325.
340.	.2023	.2065	.2068	.2264	.2166	.2375	.2171	.2177	.2136	.2152	.2144	.2128	.2294	340.
350.	.1785	.1832	.1845	.2067	.1945	.2040	.1961	.1929	.1886	.1928	.1976	.1961	.2010	350.
						FOR ALPHA = 10.50 DEG								
0.	.0784	.0770	.0778	.0985	.0891	.0959	.0853	.0864	.0843	.0865	.0873	.0845	.0849	0.
10.	.0655	.0632	.0664	.0854	.0722	.0819	.0693	.0691	.0651	.0685	.0692	.0658	.0737	10.
20.	.0629	.0644	.0638	.0869	.0719	.0907	.0694	.0679	.0659	.0688	.0701	.0686	.0779	20.
35.	.0668	.0666	.0661	.0907	.0694	.0920	.0701	.0682	.0695	.0688	.0685	.0714	.0746	35.
50.	.0644	.0652	.0633	.0905	.0699	.0912	.0728	.0736	.0719	.0701	.0669	.0694	.0714	50.
70.	.0619	.0621	.0602	.0856	.0664	.0914	.0712	.0710	.0691	.0678	.0676	.0645	.0674	70.
90.	.0555	.0517	.0485	.0722	.0569	.0647	.0648	.0628	.0589	.0584	.0596	.0563	.0578	90.
110.	.0502	.0463	.0457	.0607	.0459	.0460	.0494	.0483	.0448	.0474	.0415	.0422	.0407	110.
130.	.1240	.1279	.1255	.1450	.1354	.1379	.1335	.1420	.1478	.1456	.1433	.1431	.1430	130.
145.	.2863	.2810	.2893	.3007	.2923	.2912	.2917	.3016	.2142	.3007	.3069	.3090	.3123	145.
160.	.4365	.4337	.4386	.4558	.4544	.4486	.4482	.4499	.4423	.4465	.4460	.4457	.4601	160.
180.	.5464	.5351	.5374	.5490	.5480	.5514	.5494	.5436	.5472	.5465	.5489	.5521	.5421	180.
200.	.5775	.5818	.5827	.5910	.5906	.5830	.5881	.5893	.5768	.5821	.5830	.5897	.6022	200.
215.	.5255	.5181	.5229	.5281	.5306	.5267	.5303	.5312	.3820	.5348	.5343	.5428	.5435	215.
230.	.3960	.4030	.3960	.4186	.4200	.4165	.4041	.4108	.4170	.4166	.4117	.4105	.4103	230.
250.	.2717	.2619	.2617	.2736	.2647	.2703	.2743	.2674	.2629	.2655	.2602	.2625	.2576	250.
270.	.2165	.2139	.2124	.2352	.2275	.2299	.2345	.2307	.2253	.2216	.2178	.2139	.2202	270.
290.	.2059	.2067	.2073	.2269	.2155	.2302	.2178	.2202	.2160	.2140	.2115	.2083	.2165	290.
310.	.1876	.1910	.1905	.2138	.1964	.2138	.2047	.2034	.2002	.1960	.1929	.1978	.2008	310.
325.	.1716	.1730	.1739	.1987	.1768	.1995	.1803	.1776	.1764	.1726	.1747	.1774	.1847	325.
340.	.1339	.1382	.1330	.1571	.1427	.1656	.1493	.1439	.1449	.1465	.1455	.1448	.1504	340.
350.	.1051	.1036	.1078	.1274	.1186	.1254	.1140	.1156	.1090	.1165	.1163	.1127	.1208	350.
						FOR ALPHA = 15.50 DEG								
0.	.0340	.0334	.0334	.0542	.0451	.0543	.0410	.0409	.0375	.0410	.0438	.0392	.0402	0.
10.	.0359	.0352	.0369	.0561	.0423	.0545	.0401	.0414	.0401	.0436	.0439	.0420	.0476	10.
20.	.0370	.0386	.0378	.0617	.0444	.0660	.0449	.0444	.0445	.0452	.0448	.0442	.0531	20.
35.	.0386	.0381	.0376	.0633	.0441	.0683	.0459	.0446	.0429	.0426	.0415	.0460	.0504	35.
50.	.0363	.0357	.0362	.0630	.0438	.0682	.0461	.0471	.0441	.0440	.0413	.0441	.0485	50.
70.	.0327	.0311	.0311	.0591	.0395	.0666	.0411	.0401	.0388	.0384	.0383	.0377	.0400	70.
90.	.0024	-.0015	.0023	.0261	.0110	.0170	.0133	.0160	.0097	.0119	.0136	.0089	.0145	90.
110.	.0027	-.0005	.0021	.0193	.0055	.0033	.0022	.0010	-.0024	.0004	-.0034	-.0044	-.0056	110.
130.	.1373	.1340	.1412	.1582	.1555	.1592	.1473	.1634	.1618	.1621	.1625	.1559	.1603	130.
145.	.3530	.3464	.3539	.3669	.3684	.3612	.3675	.3736	.2602	.3756	.3747	.3762	.3801	145.
160.	.5593	.5564	.5646	.5782	.5688	.5630	.5680	.5762	.5728	.5687	.5737	.5679	.5844	160.
180.	.7003	.6895	.6912	.6928	.6955	.6983	.6983	.6886	.6901	.6956	.6937	.7050	.6932	180.
200.	.7159	.7144	.7112	.7314	.7139	.7122	.7133	.7129	.7135	.7023	.7171	.7187	.7263	200.
215.	.6159	.6090	.6098	.6265	.6152	.6134	.6238	.6142	.4507	.6196	.6266	.6372	.6329	215.
230.	.4142	.4191	.4118	.4380	.4354	.4337	.4208	.4298	.4354	.4341	.4324	.4285	.4300	230.
250.	.2351	.2287	.2260	.2449	.2332	.2289	.2316	.2256	.2264	.2266	.2162	.2190	.2121	250.
270.	.1699	.1695	.1667	.1892	.1798	.1877	.1912	.1864	.1821	.1788	.1782	.1763	.1777	270.
290.	.1702	.1723	.1703	.1930	.1785	.1971	.1831	.1809	.1782	.1748	.1755	.1740	.1771	290.
310.	.1484	.1501	.1491	.1729	.1574	.1758	.1634	.1627	.1589	.1570	.1538	.1585	.1612	310.
325.	.1230	.1225	.1220	.1471	.1272	.1475	.1273	.1251	.1230	.1212	.1194	.1229	.1301	325.
340.	.0640	.0643	.0644	.0871	.0713	.0933	.0724	.0744	.0740	.0776	.0770	.0735	.0820	340.
350.	.0384	.0370	.0416	.0656	.0522	.0630	.0473	.0498	.0469	.0502	.0499	.0454	.0523	350.
						FOR ALPHA = 20.50 DEG								
0.	.0097	.0105	.0099	.0314	.0252	.0334	.0206	.0203	.0153	.0218	.0226	.0182	.0178	0.
10.	.0136	.0139	.0157	.0356	.0210	.0336	.0208	.0210	.0173	.0209	.0218	.0218	.0269	10.
20.	.0161	.0171	.0180	.0411	.0240	.0428	.0224	.0234	.0217	.0253	.0245	.0232	.0296	20.
35.	.0133	.0138	.0140	.0401	.0177	.0436	.0196	.0190	.0176	.0174	.0159	.0175	.0215	35.
50.	.0089	.0100	.0085	.0373	.0144	.0408	.0194	.0192	.0180	.0152	.0125	.0151	.0178	50.
70.	-.0110	-.0086	-.0104	.0204	-.0021	.0273	.0000	.0000	-.0009	-.0017	-.0046	-.0058	-.0039	70.
90.	-.0738	-.0809	-.0836	-.0532	-.0809	-.0710	-.0791	-.0795	-.0820	-.0831	-.0785	-.0850	-.0843	90.
110.	-.0141	-.0174	-.0189	.0019	-.0185	-.0186	-.0180	-.0194	-.0196	-.0208	-.0221	-.0226	-.0249	110.
130.	.1546	.1609	.1587	.1808	.1720	.1771	.1730	.1783	.1840	.1786	.1796	.1802	.1757	130.
145.	.4295	.4164	.4291	.4472	.4406	.4402	.4362	.4438	.3372	.4467	.4581	.4504	.4548	145.
160.	.6854	.6943	.6950	.7022	.7011	.6958	.7052	.7022	.6927	.6986	.7066	.7054	.7084	160.
180.	.8533	.8492	.8483	.8461	.8517	.8502	.8584	.8482	.8480	.8554	.8576	.8696	.8512	180.
200.	.8621	.8606	.8562	.8680	.8555	.8588	.8633	.8560	.8520	.8492	.8670	.8698	.8755	200.
215.	.7054	.6924	.7114	.7108	.6993	.7006	.7002	.7116	.5164	.7031	.7183	.7181	.7317	215.
230.	.4330	.4414	.4346	.4582	.4543	.4548	.4443	.4499	.4573	.4533	.4498	.4522	.4490	230.
250.	.2092	.2020	.2000	.2186	.2044	.2020	.2032	.1957	.1941	.1930	.1836	.1857	.1801	250.
270.	.1047	.1030	.0980	.1237	.1118	.1171	.1197	.1175	.1159	.1150	.1132	.1128	.1138	270.
290.	.1353	.1380	.1340	.1607	.1443	.1634	.1494	.1447	.1457	.1410	.1402	.1406	.1407	290.
310.	.1121	.1151	.1118	.1384	.1179	.1382	.1277	.1232	.1225	.1188	.1158	.1244	.1241	310.
325.	.0733	.0734	.0734	.1009	.0787	.1019	.0799	.0765	.0725	.0691	.0674	.0696	.0757	325.
340.	-.0087	-.0077	-.0085	.0181	-.0014	.0241	.0031	.0027	.0022	.0056	.0059	.0060	.0113	340.
350.	-.0146	-.0151	-.0145	.0093	-.0070	.0067	-.0090	-.0104	-.0109	-.0076	-.0074	-.0085	-.0069	350.

TABLE VI. - CONTINUED

(I) MACH = 3.95, BETA = -.02 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.34 DEG								
0.	.3476	.3407	.3467	.3534	.3580	.3583	.3621	.3656	.3674	.3670	.3646	.3624	.3614	.3621
10.				.3119	.3130	.3219	.3221	.3220	.3203	.3197	.3177	.3159	.3139	.3151
20.		.2698	.2586	.2477	.2453	.2406	.2415	.2433	.2441	.2453	.2410	.2420	.2410	.2436
35.				.1942	.1848	.1924	.1977	.1995	.2009	.2011	.2010	.2057	.2045	.2042
50.	.1967	.1827	.1798	.1753	.1758	.1830	.1863	.1885	.1878	.1914	.1905	.1896	.1905	.1927
70.				.1646	.1699	.1760	.1803	.1784	.1807	.1787	.1805	.1816	.1816	.1802
90.	.1626	.1643	.1654	.1622	.1663	.1710	.1734	.1746	.1754	.1748	.1756	.1773	.1759	.1740
110.				.1621	.1643	.1643	.1654	.1709	.1720	.1702	.1686	.1683	.1713	.1726
130.				.1674	.1694	.1684	.1693	.1679	.1676	.1661	.1657	.1657	.1669	.1689
145.	.1646	.1641	.1627	.1661	.1680	.1656	.1659	.1664	.1664	.1634	.1636	.1642	.1643	.1634
160.				.1730	.1618	.1619	.1613	.1608	.1609	.1596	.1584	.1586	.1576	.1586
180.	.1490	.1613	.1600	.1607	.1602	.1590	.1579	.1574	.1578	.1574	.1571	.1553	.1568	.1558
						FOR ALPHA = -1.35 DEG								
0.	.2564	.2546	.2599	.2623	.2687	.2687	.2700	.2728	.2728	.2730	.2720	.2720	.2724	.2747
10.				.2384	.2398	.2452	.2449	.2435	.2416	.2415	.2412	.2409	.2418	.2428
20.		.2131	.2079	.2031	.1966	.1945	.1950	.1964	.1963	.1965	.1939	.1953	.1963	.1990
35.				.1636	.1614	.1634	.1702	.1720	.1718	.1691	.1685	.1753	.1727	.1729
50.	.1614	.1605	.1567	.1502	.1534	.1582	.1669	.1609	.1625	.1661	.1640	.1639	.1637	.1651
70.				.1480	.1515	.1539	.1609	.1607	.1605	.1600	.1611	.1617	.1600	.1584
90.	.1534	.1539	.1506	.1493	.1532	.1555	.1611	.1645	.1641	.1613	.1602	.1616	.1593	.1580
110.				.1605	.1640	.1654	.1669	.1658	.1685	.1690	.1672	.1673	.1694	.1705
130.				.1918	.1920	.1921	.1936	.1915	.1928	.1911	.1916	.1924	.1918	.1935
145.	.2189	.2107	.2132	.2192	.2177	.2191	.2193	.2189	.2204	.2148	.2173	.2211	.2176	.2153
160.				.2394	.2304	.2324	.2320	.2317	.2326	.2309	.2298	.2312	.2289	.2285
180.	.2137	.2297	.2335	.2336	.2339	.2364	.2349	.2353	.2359	.2356	.2351	.2322	.2322	.2307
						FOR ALPHA = -.35 DEG								
0.	.2377	.2361	.2402	.2418	.2484	.2475	.2496	.2524	.2531	.2532	.2516	.2517	.2534	.2552
10.				.2204	.2219	.2268	.2268	.2260	.2250	.2246	.2234	.2235	.2250	.2268
20.		.1999	.1944	.1893	.1800	.1814	.1837	.1854	.1858	.1860	.1831	.1841	.1854	.1878
35.				.1567	.1531	.1567	.1614	.1658	.1644	.1635	.1612	.1672	.1655	.1656
50.	.1536	.1541	.1511	.1446	.1469	.1532	.1575	.1566	.1563	.1586	.1578	.1576	.1574	.1586
70.				.1430	.1443	.1465	.1537	.1565	.1560	.1540	.1558	.1568	.1551	.1530
90.	.1499	.1507	.1510	.1465	.1490	.1520	.1554	.1572	.1592	.1571	.1563	.1567	.1545	.1534
110.				.1609	.1618	.1655	.1660	.1661	.1691	.1642	.1656	.1666	.1670	.1690
130.				.1978	.1972	.1968	.1984	.1965	.1984	.1954	.1958	.1965	.1959	.1979
145.	.2346	.2239	.2283	.2318	.2335	.2347	.2336	.2341	.2342	.2293	.2301	.2324	.2310	.2287
160.				.2579	.2492	.2513	.2512	.2511	.2508	.2493	.2479	.2497	.2480	.2470
180.	.2335	.2502	.2545	.2537	.2548	.2571	.2562	.2565	.2556	.2562	.2560	.2539	.2538	.2514
						FOR ALPHA = .65 DEG								
0.	.2189	.2171	.2202	.2226	.2280	.2279	.2310	.2326	.2333	.2339	.2336	.2339	.2351	.2360
10.				.2033	.2042	.2092	.2100	.2091	.2081	.2084	.2086	.2088	.2096	.2105
20.		.1871	.1797	.1780	.1709	.1726	.1735	.1747	.1759	.1755	.1739	.1752	.1760	.1785
35.				.1493	.1447	.1511	.1528	.1568	.1583	.1557	.1557	.1588	.1584	.1597
50.	.1468	.1469	.1445	.1403	.1392	.1468	.1506	.1487	.1506	.1543	.1532	.1523	.1521	.1540
70.				.1381	.1377	.1394	.1494	.1511	.1515	.1508	.1520	.1522	.1511	.1493
90.	.1456	.1482	.1475	.1427	.1444	.1458	.1511	.1535	.1548	.1531	.1513	.1521	.1516	.1512
110.				.1591	.1631	.1612	.1656	.1655	.1658	.1632	.1647	.1660	.1679	.1679
130.				.2022	.2036	.2012	.2023	.2013	.2032	.2018	.2014	.2013	.2014	.2032
145.	.2509	.2376	.2446	.2462	.2500	.2489	.2474	.2491	.2487	.2446	.2448	.2458	.2456	.2443
160.				.2779	.2697	.2709	.2713	.2720	.2716	.2698	.2681	.2696	.2687	.2679
180.	.2535	.2727	.2777	.2734	.2788	.2778	.2780	.2797	.2783	.2781	.2778	.2766	.2776	.2755
						FOR ALPHA = 1.65 DEG								
0.	.1994	.1988	.2017	.2042	.2088	.2100	.2127	.2147	.2155	.2162	.2158	.2164	.2183	.2187
10.				.1880	.1879	.1931	.1943	.1932	.1927	.1930	.1933	.1939	.1960	.1966
20.		.1739	.1654	.1658	.1605	.1589	.1639	.1642	.1651	.1657	.1638	.1653	.1685	.1700
35.				.1409	.1382	.1432	.1466	.1479	.1505	.1486	.1482	.1527	.1532	.1541
50.	.1406	.1410	.1368	.1337	.1341	.1367	.1444	.1431	.1447	.1479	.1477	.1471	.1482	.1495
70.				.1325	.1338	.1392	.1455	.1443	.1450	.1451	.1470	.1470	.1473	.1458
90.	.1412	.1454	.1431	.1400	.1380	.1420	.1492	.1492	.1486	.1475	.1471	.1485	.1491	.1482
110.				.1561	.1577	.1618	.1619	.1637	.1614	.1635	.1627	.1619	.1650	.1655
130.				.2080	.2086	.2051	.2073	.2053	.2077	.2057	.2063	.2069	.2069	.2085
145.	.2667	.2516	.2599	.2634	.2655	.2638	.2622	.2626	.2625	.2589	.2593	.2604	.2599	.2588
160.				.2970	.2909	.2919	.2917	.2921	.2924	.2905	.2888	.2900	.2901	.2898
180.	.2740	.2952	.3009	.2976	.3022	.3011	.3001	.3018	.3012	.3012	.3013	.3005	.3019	.2998
						FOR ALPHA = 2.65 DEG								
0.	.1812	.1822	.1852	.1889	.1913	.1930	.1953	.1972	.1985	.1999	.1990	.1985	.1989	.1994
10.				.1731	.1726	.1783	.1788	.1780	.1777	.1789	.1790	.1786	.1796	.1798
20.		.1614	.1531	.1546	.1492	.1512	.1536	.1544	.1545	.1561	.1542	.1551	.1572	.1588
35.				.1337	.1324	.1370	.1409	.1405	.1419	.1424	.1415	.1453	.1459	.1466
50.	.1347	.1355	.1308	.1278	.1266	.1319	.1363	.1378	.1390	.1425	.1423	.1418	.1421	.1434
70.				.1276	.1297	.1357	.1393	.1377	.1397	.1408	.1420	.1425	.1420	.1403
90.	.1372	.1418	.1379	.1345	.1318	.1427	.1436	.1426	.1433	.1414	.1428	.1437	.1435	.1425
110.				.1554	.1553	.1589	.1609	.1579	.1604	.1606	.1586	.1582	.1610	.1618
130.				.2132	.2124	.2099	.2119	.2094	.2120	.2099	.2108	.2107	.2103	.2117
145.	.2825	.2659	.2753	.2792	.2799	.2792	.2767	.2768	.2767	.2724	.2735	.2745	.2733	.2715
160.				.3182	.3129	.3140	.3133	.3129	.3125	.3119	.3095	.3115	.3092	.3091
180.	.2949	.3191	.3250	.3218	.3261	.3253	.3237	.3255	.3246	.3254	.3249	.3229	.3237	.3227

TABLE VI. - CONTINUED

(I) MACH = 3.95, BETA = -.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.34 DEG								
0.	.3663	.3677	.3693	.3728	.3750	.3770		.3746	.3760	.3763	.3775	.3779		0.
10.	.3177	.3223	.3263	.3278	.3276	.3255		.3249	.3245	.3280	.3274	.3269	.3336	10.
20.	.2454	.2488	.2484	.2492	.2539	.2577		.2556	.2573	.2590	.2588	.2603	.2734	20.
35.	.2074	.2100	.2106	.2060	.2052	.2056		.2054	.2076	.2056	.2055	.2086	.2122	35.
50.	.1931	.1945	.1917	.1888	.1896	.1887		.1902	.1895	.1867	.1853	.1904	.1934	50.
70.	.1827	.1823	.1800	.1766	.1788	.1771		.1810	.1800	.1783	.1772	.1747	.1789	70.
90.	.1754	.1760	.1731	.1724	.1761	.1738		.1734	.1722	.1701	.1665	.1675	.1717	90.
110.	.1726	.1714	.1691	.1680	.1697	.1670	.1663	.1657	.1668	.1681	.1666	.1675	.1650	110.
130.	.1680	.1664	.1652	.1662	.1677		.1633	.1643	.1655	.1661	.1674	.1691	.1691	130.
145.	.1634	.1621	.1634	.1640	.1641		.1611	.1617		.1630	.1637	.1668	.1685	145.
160.	.1579	.1578	.1586	.1590	.1587		.1593	.1586	.1567	.1561	.1550	.1583	.1635	160.
180.	.1568	.1540	.1546	.1532	.1546		.1526	.1509	.1523	.1534	.1529	.1540	.1536	180.
						FOR ALPHA = -1.35 DEG								
0.	.2794	.2812	.2814	.2802	.2811	.2801		.2770	.2768	.2777	.2781	.2795		0.
10.	.2471	.2513	.2549	.2543	.2519	.2483		.2539	.2450	.2476	.2470	.2465	.2526	10.
20.	.2012	.2061	.2060	.2066	.2086	.2103		.2051	.2055	.2064	.2057	.2061	.2168	20.
35.	.1766	.1802	.1812	.1779	.1764	.1767		.1748	.1760	.1743	.1733	.1762	.1795	35.
50.	.1659	.1677	.1660	.1648	.1651	.1641		.1653	.1648	.1617	.1600	.1638	.1665	50.
70.	.1597	.1602	.1593	.1566	.1592	.1582		.1618	.1608	.1590	.1576	.1549	.1586	70.
90.	.1598	.1606	.1584	.1583	.1620	.1595		.1611	.1602	.1583	.1543	.1546	.1573	90.
110.	.1717	.1711	.1682	.1673	.1688	.1660	.1663	.1655	.1662	.1678	.1650	.1659	.1633	110.
130.	.1933	.1926	.1916	.1921	.1932		.1879	.1895	.1901	.1910	.1917	.1933	.1935	130.
145.	.2156	.2127	.2151	.2158	.2139		.2099	.2111		.2129	.2141	.2176	.2195	145.
160.	.2281	.2273	.2270	.2273	.2287		.2088	.2278	.2256	.2234	.2216	.2254	.2314	160.
180.	.2323	.2293	.2309	.2292	.2300		.2261	.2237	.2251	.2257	.2245	.2269	.2272	180.
						FOR ALPHA = -.35 DEG								
0.	.2587	.2597	.2595	.2582	.2594	.2584		.2545	.2544	.2563	.2570	.2588		0.
10.	.2301	.2336	.2362	.2362	.2342	.2306		.2406	.2273	.2297	.2294	.2289	.2353	10.
20.	.1902	.1952	.1946	.1951	.1973	.1990		.1931	.1937	.1944	.1936	.1935	.2043	20.
35.	.1687	.1723	.1738	.1700	.1688	.1688		.1669	.1682	.1668	.1657	.1684	.1719	35.
50.	.1591	.1620	.1603	.1583	.1590	.1581		.1589	.1582	.1555	.1540	.1576	.1604	50.
70.	.1543	.1559	.1547	.1521	.1545	.1534		.1568	.1556	.1539	.1525	.1501	.1534	70.
90.	.1560	.1570	.1547	.1542	.1574	.1570		.1571	.1559	.1538	.1499	.1504	.1531	90.
110.	.1710	.1694	.1663	.1655	.1668	.1648	.1650	.1643	.1650	.1663	.1638	.1644	.1619	110.
130.	.1987	.1980	.1962	.1972	.1983		.1936	.1949	.1959	.1965	.1973	.1995	.1994	130.
145.	.2301	.2270	.2292	.2295	.2277		.2238	.2248		.2269	.2277	.2319	.2334	145.
160.	.2475	.2462	.2466	.2469	.2472		.2226	.2468	.2448	.2419	.2401	.2440	.2511	160.
180.	.2540	.2506	.2516	.2500	.2508		.2476	.2441	.2460	.2463	.2494	.2480	.2471	180.
						FOR ALPHA = .65 DEG								
0.	.2391	.2393	.2390	.2369	.2382	.2373		.2335	.2332	.2357	.2376	.2396		0.
10.	.2133	.2156	.2184	.2185	.2166	.2131		.2194	.2095	.2125	.2128	.2135	.2193	10.
20.	.1807	.1825	.1827	.1826	.1855	.1879		.1828	.1820	.1823	.1815	.1824	.1924	20.
35.	.1637	.1654	.1660	.1618	.1604	.1607		.1592	.1600	.1587	.1582	.1610	.1645	35.
50.	.1549	.1562	.1549	.1526	.1524	.1516		.1525	.1517	.1488	.1478	.1514	.1540	50.
70.	.1510	.1510	.1502	.1478	.1501	.1487		.1517	.1503	.1483	.1469	.1444	.1478	70.
90.	.1524	.1531	.1505	.1503	.1534	.1528		.1528	.1518	.1497	.1459	.1463	.1487	90.
110.	.1668	.1660	.1635	.1632	.1649	.1630	.1636	.1628	.1633	.1646	.1620	.1625	.1597	110.
130.	.2030	.2027	.2014	.2025	.2040		.1987	.2007	.2014	.2023	.2028	.2049	.2049	130.
145.	.2447	.2419	.2440	.2447	.2425		.2387	.2394		.2405	.2415	.2453	.2466	145.
160.	.2679	.2671	.2673	.2686	.2672		.2377	.2654	.2636	.2610	.2597	.2637	.2699	160.
180.	.2764	.2726	.2740	.2724	.2731		.2701	.2667	.2684	.2683	.2672	.2702	.2692	180.
						FOR ALPHA = 1.65 DEG								
0.	.2207	.2200	.2199	.2162	.2183	.2173		.2139	.2133	.2170	.2188	.2199		0.
10.	.1977	.1985	.2010	.2013	.1997	.1961		.1978	.1932	.1965	.1970	.1976	.2028	10.
20.	.1712	.1721	.1716	.1706	.1730	.1748		.1715	.1710	.1719	.1708	.1715	.1808	20.
35.	.1582	.1584	.1587	.1544	.1528	.1528		.1511	.1520	.1509	.1502	.1528	.1563	35.
50.	.1507	.1505	.1491	.1469	.1468	.1455		.1460	.1451	.1427	.1413	.1443	.1469	50.
70.	.1476	.1467	.1462	.1430	.1449	.1439		.1462	.1446	.1425	.1412	.1386	.1418	70.
90.	.1485	.1491	.1469	.1461	.1488	.1477		.1485	.1470	.1451	.1413	.1415	.1440	90.
110.	.1645	.1636	.1613	.1606	.1625	.1611	.1614	.1610	.1611	.1621	.1595	.1597	.1568	110.
130.	.2075	.2079	.2068	.2074	.2088		.2042	.2063	.2067	.2073	.2083	.2104	.2102	130.
145.	.2592	.2568	.2589	.2590	.2571		.2528	.2540		.2541	.2556	.2588	.2603	145.
160.	.2894	.2883	.2893	.2894	.2881		.2495	.2864	.2836	.2811	.2796	.2830	.2907	160.
180.	.3005	.2962	.2973	.2955	.2961		.2932	.2899	.2917	.2911	.2898	.2927	.2918	180.
						FOR ALPHA = 2.65 DEG								
0.	.2018	.2015	.2011	.1965	.1997	.1985		.1953	.1945	.1997	.2012	.2013		0.
10.	.1808	.1822	.1844	.1848	.1837	.1808		.1812	.1781	.1821	.1827	.1822	.1870	10.
20.	.1603	.1615	.1612	.1602	.1617	.1634		.1594	.1590	.1602	.1596	.1606	.1702	20.
35.	.1503	.1506	.1505	.1469	.1454	.1458		.1436	.1442	.1430	.1424	.1448	.1481	35.
50.	.1442	.1448	.1431	.1412	.1407	.1395		.1397	.1389	.1364	.1353	.1382	.1403	50.
70.	.1418	.1416	.1407	.1383	.1402	.1388		.1406	.1390	.1370	.1356	.1332	.1362	70.
90.	.1438	.1449	.1421	.1415	.1441	.1412		.1436	.1422	.1402	.1367	.1368	.1392	90.
110.	.1618	.1610	.1583	.1579	.1594	.1582	.1588	.1584	.1579	.1588	.1563	.1565	.1540	110.
130.	.2116	.2122	.2106	.2123	.2137		.2087	.2110	.2118	.2126	.2133	.2154	.2151	130.
145.	.2726	.2715	.2724	.2732	.2723		.2682	.2692		.2690	.2700	.2734	.2746	145.
160.	.3104	.3104	.3099	.3117	.3092		.2682	.3057	.3044	.3017	.3000	.3043	.3108	160.
180.	.3252	.3211	.3216	.3191	.3199		.3176	.3137	.3149	.3146	.3131	.3168	.3153	180.

TABLE VI. - CONTINUED

(I) MACH = 3.95, BETA = -.02 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 4.65 DEG								
0.	.1482	.1526	.1555	.1583	.1598	.1611	.1651	.1674	.1681	.1685	.1653	.1654	.1655	.1661
10.				.1462	.1451	.1495	.1518	.1509	.1512	.1513	.1497	.1497	.1504	.1508
20.		.1384	.1316	.1360	.1307	.1326	.1354	.1356	.1361	.1369	.1346	.1348	.1364	.1380
35.				.1215	.1206	.1239	.1274	.1274	.1294	.1297	.1294	.1329	.1315	.1319
50.	.1220	.1235	.1186	.1178	.1172	.1200	.1245	.1268	.1286	.1312	.1307	.1304	.1305	.1324
70.				.1176	.1195	.1254	.1290	.1272	.1287	.1285	.1307	.1322	.1319	.1307
90.	.1290	.1319	.1289	.1233	.1283	.1288	.1331	.1335	.1328	.1322	.1326	.1333	.1325	.1324
110.				.1505	.1520	.1515	.1522	.1521	.1536	.1528	.1515	.1517	.1540	.1558
130.				.2238	.2209	.2176	.2210	.2194	.2236	.2179	.2195	.2186	.2195	.2217
145.	.3167	.2958	.3057	.3101	.3089	.3091	.3080	.3071	.3071	.3007	.3012	.3022	.3012	.2992
160.				.3633	.3571	.3589	.3584	.3581	.3576	.3550	.3528	.3551	.3526	.3533
180.	.3415	.3678	.3746	.3714	.3764	.3754	.3747	.3757	.3742	.3743	.3745	.3725	.3735	.3722
						FOR ALPHA = 9.66 DEG								
0.	.0853	.1004	.1004	.1014	.1025	.1017	.1029	.1042	.1043	.1042	.1007	.1008	.1008	.1015
10.				.0900	.0893	.0916	.0928	.0905	.0907	.0911	.0899	.0892	.0898	.0903
20.		.0900	.0885	.0890	.0886	.0901	.0908	.0873	.0901	.0927	.0908	.0901	.0902	.0914
35.				.0899	.0899	.0936	.0972	.0970	.0966	.0951	.0947	.0978	.0960	.0958
50.	.0844	.0942	.0907	.0892	.0901	.0972	.1012	.0989	.1001	.1019	.0996	.0988	.0985	.0995
70.				.0925	.0925	.0981	.1024	.1030	.1023	.1025	.1023	.1038	.1031	.1025
90.	.1050	.1074	.1091	.1032	.1009	.1050	.1051	.1040	.1042	.1030	.1022	.1027	.1030	.1026
110.				.1339	.1353	.1342	.1352	.1340	.1380	.1329	.1338	.1333	.1374	.1389
130.				.2484	.2466	.2428	.2442	.2406	.2432	.2414	.2419	.2424	.2412	.2443
145.	.4153	.3820	.3958	.4019	.3934	.3947	.3897	.3906	.3887	.3807	.3799	.3836	.3828	.3792
160.				.4886	.4782	.4832	.4824	.4828	.4827	.4805	.4722	.4774	.4722	.4744
180.	.4761	.5109	.5172	.5094	.5145	.5148	.5144	.5169	.5145	.5139	.5128	.5101	.5118	.5084
						FOR ALPHA = 14.65 DEG								
0.	.0474	.0675	.0646	.0637	.0628	.0630	.0656	.0657	.0672	.0682	.0641	.0647	.0659	.0667
10.				.0467	.0456	.0464	.0499	.0493	.0491	.0479	.0485	.0490	.0510	.0516
20.		.0523	.0484	.0476	.0523	.0513	.0534	.0527	.0529	.0512	.0497	.0502	.0516	.0531
35.				.0538	.0574	.0620	.0662	.0643	.0638	.0626	.0613	.0617	.0611	.0629
50.	.0550	.0595	.0558	.0594	.0607	.0651	.0698	.0672	.0693	.0720	.0711	.0707	.0704	.0728
70.				.0607	.0646	.0693	.0703	.0686	.0696	.0689	.0718	.0741	.0754	.0776
90.	.0787	.0805	.0750	.0713	.0747	.0708	.0741	.0682	.0671	.0661	.0666	.0664	.0672	.0667
110.				.1291	.1245	.1245	.1230	.1201	.1239	.1188	.1185	.1187	.1222	.1249
130.				.2817	.2745	.2649	.2664	.2645	.2700	.2645	.2664	.2679	.2675	.2696
145.	.5271	.4719	.4991	.5026	.4863	.4914	.4804	.4794	.4762	.4677	.4674	.4715	.4686	.4619
160.				.6272	.6215	.6228	.6195	.6189	.6184	.6180	.6061	.6150	.6064	.6083
180.	.6302	.6708	.6668	.6717	.6767	.6731	.6709	.6727	.6704	.6721	.6722	.6675	.6665	.6631
						FOR ALPHA = 19.65 DEG								
0.	.0255	.0487	.0470	.0445	.0440	.0454	.0461	.0485	.0513	.0519	.0468	.0475	.0475	.0476
10.				.0224	.0223	.0217	.0218	.0207	.0213	.0210	.0203	.0215	.0234	.0246
20.		.0261	.0225	.0199	.0227	.0195	.0210	.0188	.0170	.0164	.0157	.0153	.0170	.0187
35.				.0237	.0278	.0314	.0312	.0330	.0342	.0338	.0333	.0323	.0328	.0343
50.	.0236	.0283	.0290	.0313	.0352	.0377	.0392	.0384	.0413	.0438	.0452	.0444	.0457	.0470
70.				.0411	.0426	.0407	.0447	.0399	.0417	.0413	.0421	.0438	.0463	.0470
90.	.0671	.0680	.0555	.0512	.0504	.0547	.0499	.0477	.0479	.0451	.0438	.0436	.0440	.0435
110.				.1207	.1275	.1156	.1130	.1124	.1132	.1109	.1089	.1108	.1143	.1161
130.				.3056	.3017	.2923	.2943	.2905	.2985	.2886	.2928	.2939	.2946	.2960
145.	.6486	.5692	.5973	.6035	.5844	.5847	.5721	.5722	.5679	.5554	.5524	.5578	.5571	.5492
160.				.7797	.7720	.7716	.7668	.7661	.7629	.7600	.7452	.7567	.7474	.7489
180.	.7987	.8443	.8361	.8445	.8511	.8452	.8401	.8421	.8373	.8373	.8353	.8317	.8319	.8264

TABLE VI. - CONTINUED

(I) MACH = 3.95, BETA = -.02 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 4.65 DEG								
0.	.1687	.1682	.1680	.1602	.1653	.1647		.1634	.1612	.1670	.1679	.1678		0.
10.	.1525	.1525	.1541	.1539	.1536	.1518		.1561	.1510	.1538	.1539	.1531	.1574	10.
20.	.1403	.1410	.1400	.1394	.1406	.1416		.1377	.1372	.1386	.1387	.1397	.1486	20.
35.	.1354	.1353	.1357	.1318	.1306	.1309		.1288	.1284	.1272	.1266	.1297	.1336	35.
50.	.1328	.1323	.1308	.1282	.1280	.1269		.1278	.1266	.1244	.1230	.1260	.1282	50.
70.	.1323	.1319	.1311	.1278	.1294	.1279		.1296	.1275	.1260	.1248	.1230	.1262	70.
90.	.1336	.1344	.1324	.1312	.1339	.1334		.1337	.1317	.1302	.1272	.1272	.1296	90.
110.	.1555	.1543	.1519	.1511	.1528	.1512	.1519	.1514	.1504	.1514	.1486	.1489	.1464	110.
130.	.2206	.2212	.2201	.2220	.2248		.2204	.2238	.2228	.2233	.2229	.2249	.2247	130.
145.	.2993	.2981	.3023	.3055	.3037		.2962	.2971		.2970	.2981	.3024	.3040	145.
160.	.3539	.3550	.3551	.3571	.3542		.2961	.3495	.3472	.3448	.3428	.3476	.3544	160.
180.	.3755	.3707	.3721	.3697	.3707		.3668	.3629	.3644	.3647	.3631	.3657	.3639	180.
						FOR ALPHA = 9.66 DEG								
0.	.1032	.1073	.1077	.0921	.1033	.1032		.1005	.0917	.1022	.1029	.1022		0.
10.	.0914	.0921	.0940	.0933	.0937	.0927		.0976	.0902	.0926	.0927	.0915	.0945	10.
20.	.0918	.0920	.0912	.0902	.0916	.0924		.0908	.0904	.0918	.0913	.0910	.0967	20.
35.	.0981	.0978	.0973	.0939	.0935	.0945		.0918	.0921	.0914	.0914	.0935	.0971	35.
50.	.0997	.1004	.0995	.0967	.0970	.0969		.0971	.0965	.0947	.0940	.0954	.0975	50.
70.	.1041	.1039	.1033	.1005	.1020	.1010		.1021	.1008	.0996	.0990	.0969	.0994	70.
90.	.1044	.1039	.1019	.1010	.1037	.1032		.1046	.1030	.1018	.0978	.0983	.1003	90.
110.	.1387	.1380	.1355	.1337	.1336	.1313	.1314	.1300	.1284	.1283	.1240	.1249	.1223	110.
130.	.2451	.2453	.2433	.2444	.2464		.2405	.2444	.2439	.2449	.2440	.2461	.2458	130.
145.	.3790	.3743	.3805	.3819	.3788		.3714	.3727		.3717	.3747	.3792	.3813	145.
160.	.4730	.4737	.4747	.4790	.4761		.4066	.4694	.4669	.4638	.4623	.4665	.4741	160.
180.	.5136	.5089	.5101	.5075	.5090		.5052	.4988	.5024	.5025	.4993	.5035	.4988	180.
						FOR ALPHA = 14.65 DEG								
0.	.0679	.0733	.0735	.0474	.0642	.0644		.0620	.0479	.0634	.0639	.0634		0.
10.	.0526	.0504	.0517	.0495	.0511	.0507		.0572	.0478	.0503	.0509	.0502	.0528	10.
20.	.0545	.0519	.0519	.0502	.0513	.0518		.0509	.0499	.0514	.0514	.0512	.0556	20.
35.	.0649	.0626	.0632	.0605	.0607	.0621		.0589	.0580	.0572	.0572	.0587	.0615	35.
50.	.0730	.0707	.0704	.0675	.0680	.0674		.0680	.0675	.0661	.0654	.0668	.0691	50.
70.	.0784	.0761	.0760	.0734	.0747	.0732		.0739	.0729	.0720	.0715	.0703	.0728	70.
90.	.0655	.0647	.0631	.0611	.0631	.0625		.0644	.0631	.0630	.0596	.0606	.0624	90.
110.	.1221	.1204	.1180	.1172	.1179	.1156	.1155	.1139	.1123	.1123	.1087	.1100	.1079	110.
130.	.2686	.2687	.2677	.2689	.2711		.2653	.2701	.2698	.2715	.2715	.2738	.2733	130.
145.	.4619	.4563	.4623	.4657	.4633		.4565	.4580		.4547	.4595	.4637	.4665	145.
160.	.6076	.6075	.6084	.6094	.6068		.5752	.6006	.5996	.5955	.5952	.5991	.6086	160.
180.	.6701	.6608	.6639	.6582	.6587		.6543	.6476	.6549	.6538	.6519	.6554	.6502	180.
						FOR ALPHA = 19.65 DEG								
0.	.0479	.0551	.0552	.0217	.0426	.0441		.0401	.0216	.0403	.0403	.0399		0.
10.	.0254	.0236	.0241	.0207	.0228	.0230		.0250	.0187	.0212	.0212	.0211	.0236	10.
20.	.0200	.0179	.0180	.0163	.0178	.0180		.0172	.0161	.0178	.0176	.0176	.0205	20.
35.	.0351	.0328	.0325	.0297	.0302	.0326		.0292	.0279	.0273	.0270	.0282	.0305	35.
50.	.0474	.0451	.0447	.0423	.0425	.0429		.0434	.0425	.0420	.0415	.0431	.0449	50.
70.	.0483	.0469	.0472	.0455	.0469	.0462		.0463	.0455	.0452	.0450	.0444	.0464	70.
90.	.0426	.0403	.0380	.0359	.0366	.0347		.0351	.0339	.0337	.0313	.0317	.0324	90.
110.	.1142	.1118	.1085	.1068	.1064	.1039	.1043	.1030	.1022	.1030	.0994	.1005	.0978	110.
130.	.2953	.2946	.2932	.2939	.2964		.2923	.2990	.2997	.3032	.3043	.3065	.3040	130.
145.	.5472	.5398	.5458	.5465	.5443		.5410	.5443		.5458	.5516	.5554	.5590	145.
160.	.7475	.7461	.7460	.7472	.7445		.6503	.7444	.7468	.7408	.7404	.7440	.7541	160.
180.	.8359	.8226	.8264	.8205	.8227		.8214	.8166	.8263	.8239	.8218	.8259	.8198	180.

TABLE VI. - CONTINUED

(J) MACH = 3.95, BETA = .98 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -1.35 DEG							
0.	.2569	.2543	.2603	.2606	.2668	.2666	.2699	.2719	.2726	.2729	.2714	.2716	.2715	.2729
10.				.2270	.2285	.2332	.2342	.2322	.2312	.2307	.2295	.2288	.2283	.2291
20.		.1984	.1915	.1850	.1792	.1779	.1778	.1779	.1796	.1800	.1773	.1784	.1779	.1805
35.				.1466	.1418	.1471	.1532	.1521	.1526	.1511	.1532	.1581	.1560	.1568
50.	.1477	.1443	.1401	.1350	.1365	.1439	.1484	.1427	.1451	.1478	.1467	.1467	.1465	.1498
70.				.1324	.1339	.1390	.1433	.1434	.1440	.1421	.1432	.1438	.1420	.1415
90.	.1375	.1374	.1333	.1324	.1353	.1386	.1427	.1455	.1460	.1426	.1421	.1433	.1412	.1410
110.				.1426	.1453	.1473	.1498	.1458	.1512	.1497	.1486	.1487	.1506	.1534
130.				.1733	.1728	.1731	.1739	.1710	.1729	.1707	.1717	.1723	.1711	.1732
145.	.2072	.1965	.2016	.2039	.2043	.2063	.2037	.2038	.2039	.2012	.2015	.2027	.2005	.1996
160.				.2316	.2217	.2238	.2228	.2226	.2232	.2219	.2201	.2213	.2185	.2179
180.	.2143	.2302	.2336	.2341	.2339	.2349	.2340	.2359	.2360	.2357	.2350	.2318	.2320	.2308
200.				.2466	.2379	.2400	.2405	.2415	.2420	.2404	.2376	.2391	.2355	.2374
215.	.2305	.2226	.2245	.2319	.2320	.2318	.2337	.2338	.2353	.2298	.2330	.2366	.2330	.2306
230.				.2079	.2090	.2087	.2117	.2104	.2118	.2097	.2101	.2118	.2099	.2128
250.				.1762	.1791	.1832	.1858	.1839	.1871	.1870	.1857	.1862	.1869	.1880
270.	.1685	.1684	.1657	.1639	.1674	.1716	.1798	.1810	.1815	.1781	.1770	.1784	.1755	.1753
290.				.1619	.1640	.1686	.1780	.1781	.1773	.1762	.1768	.1779	.1754	.1748
310.	.1752	.1741	.1698	.1638	.1670	.1719	.1829	.1773	.1804	.1815	.1794	.1789	.1780	.1815
325.				.1782	.1750	.1785	.1861	.1881	.1871	.1878	.1832	.1897	.1874	.1891
340.		.2249	.2177	.2158	.2090	.2101	.2102	.2120	.2127	.2131	.2099	.2114	.2109	.2136
350.				.2462	.2484	.2527	.2538	.2526	.2518	.2519	.2511	.2508	.2506	.2520
							FOR ALPHA = -.35 DEG							
0.	.2378	.2355	.2402	.2401	.2460	.2457	.2493	.2517	.2525	.2525	.2519	.2523	.2529	.2545
10.				.2100	.2109	.2157	.2165	.2152	.2142	.2144	.2138	.2133	.2134	.2147
20.		.1862	.1800	.1756	.1686	.1666	.1675	.1675	.1692	.1703	.1681	.1693	.1699	.1722
35.				.1401	.1364	.1400	.1466	.1472	.1454	.1466	.1453	.1524	.1512	.1515
50.	.1396	.1390	.1347	.1302	.1304	.1373	.1427	.1392	.1384	.1424	.1419	.1407	.1421	.1449
70.				.1273	.1285	.1321	.1393	.1389	.1384	.1365	.1384	.1395	.1391	.1377
90.	.1342	.1344	.1336	.1293	.1307	.1352	.1380	.1402	.1412	.1391	.1388	.1399	.1386	.1381
110.				.1423	.1438	.1471	.1466	.1485	.1499	.1472	.1473	.1480	.1520	.1527
130.				.1776	.1781	.1764	.1779	.1764	.1772	.1750	.1759	.1774	.1771	.1792
145.	.2229	.2096	.2160	.2179	.2187	.2186	.2166	.2177	.2168	.2134	.2140	.2158	.2147	.2132
160.				.2503	.2406	.2426	.2416	.2418	.2416	.2409	.2387	.2405	.2390	.2389
180.	.2342	.2511	.2554	.2540	.2542	.2559	.2559	.2572	.2568	.2568	.2569	.2545	.2548	.2528
200.				.2651	.2567	.2596	.2601	.2608	.2613	.2596	.2577	.2590	.2567	.2572
215.	.2467	.2363	.2390	.2436	.2459	.2464	.2480	.2487	.2499	.2442	.2471	.2507	.2481	.2450
230.				.2151	.2141	.2151	.2166	.2155	.2173	.2161	.2155	.2160	.2159	.2179
250.				.1765	.1777	.1813	.1831	.1824	.1846	.1838	.1833	.1836	.1863	.1874
270.	.1646	.1656	.1649	.1611	.1641	.1662	.1720	.1740	.1759	.1746	.1728	.1737	.1717	.1710
290.				.1570	.1579	.1564	.1666	.1733	.1725	.1710	.1718	.1729	.1714	.1698
310.	.1675	.1672	.1638	.1596	.1584	.1685	.1726	.1717	.1723	.1752	.1735	.1729	.1724	.1752
325.				.1708	.1660	.1721	.1769	.1796	.1791	.1782	.1772	.1814	.1792	.1806
340.		.2118	.2017	.2035	.1972	.1937	.1987	.1997	.2016	.2012	.1993	.2002	.2007	.2031
350.				.2280	.2298	.2341	.2350	.2349	.2343	.2342	.2344	.2338	.2344	.2356
							FOR ALPHA = .65 DEG							
0.	.2183	.2168	.2204	.2217	.2261	.2266	.2300	.2327	.2333	.2337	.2329	.2338	.2337	.2347
10.				.1938	.1943	.1999	.1998	.1993	.1982	.1985	.1981	.1980	.1979	.1986
20.		.1735	.1678	.1642	.1570	.1558	.1578	.1589	.1589	.1607	.1586	.1600	.1601	.1625
35.				.1334	.1300	.1339	.1385	.1408	.1415	.1400	.1385	.1439	.1444	.1450
50.	.1322	.1322	.1294	.1249	.1244	.1321	.1358	.1340	.1350	.1376	.1366	.1361	.1358	.1384
70.				.1227	.1220	.1238	.1326	.1339	.1344	.1337	.1345	.1356	.1342	.1334
90.	.1301	.1320	.1311	.1272	.1256	.1311	.1347	.1366	.1379	.1355	.1342	.1356	.1348	.1343
110.				.1405	.1446	.1437	.1474	.1454	.1471	.1456	.1463	.1464	.1477	.1483
130.				.1825	.1829	.1804	.1824	.1800	.1822	.1798	.1808	.1816	.1808	.1825
145.	.2378	.2225	.2309	.2338	.2328	.2319	.2304	.2311	.2317	.2269	.2264	.2286	.2274	.2265
160.				.2692	.2599	.2617	.2616	.2624	.2618	.2599	.2570	.2591	.2582	.2594
180.	.2540	.2726	.2780	.2734	.2776	.2777	.2776	.2789	.2781	.2781	.2775	.2754	.2764	.2745
200.				.2839	.2775	.2792	.2798	.2809	.2812	.2794	.2773	.2796	.2774	.2770
215.	.2627	.2510	.2552	.2594	.2640	.2621	.2624	.2639	.2642	.2580	.2606	.2638	.2611	.2586
230.				.2207	.2214	.2203	.2215	.2208	.2227	.2202	.2210	.2211	.2202	.2225
250.				.1756	.1780	.1790	.1809	.1832	.1828	.1835	.1805	.1799	.1850	.1871
270.	.1603	.1623	.1620	.1574	.1577	.1609	.1675	.1688	.1697	.1679	.1675	.1688	.1663	.1659
290.				.1517	.1522	.1541	.1657	.1663	.1663	.1655	.1676	.1677	.1658	.1645
310.	.1607	.1599	.1574	.1552	.1521	.1563	.1665	.1640	.1660	.1686	.1680	.1671	.1662	.1683
325.				.1628	.1586	.1643	.1686	.1715	.1714	.1709	.1702	.1734	.1716	.1724
340.		.1982	.1866	.1889	.1818	.1846	.1874	.1890	.1896	.1909	.1880	.1893	.1892	.1921
350.				.2112	.2125	.2168	.2177	.2178	.2176	.2176	.2172	.2178	.2181	.2189
							FOR ALPHA = 2.65 DEG							
0.	.1805	.1814	.1848	.1888	.1903	.1913	.1943	.1963	.1978	.1989	.1977	.1975	.1967	.1973
10.				.1645	.1644	.1695	.1701	.1677	.1677	.1688	.1686	.1682	.1676	.1674
20.		.1493	.1438	.1424	.1354	.1383	.1398	.1400	.1409	.1406	.1387	.1408	.1412	.1431
35.				.1192	.1182	.1231	.1261	.1248	.1276	.1289	.1260	.1296	.1285	.1295
50.	.1207	.1206	.1168	.1132	.1132	.1186	.1228	.1215	.1239	.1261	.1262	.1263	.1257	.1269
70.				.1131	.1148	.1210	.1250	.1218	.1243	.1244	.1254	.1265	.1254	.1241
90.	.1218	.1256	.1221	.1192	.1150	.1272	.1275	.1265	.1269	.1250	.1256	.1270	.1259	.1256
110.				.1389	.1377	.1396	.1400	.1390	.1408	.1390	.1383	.1393	.1413	.1423
130.				.1933	.1909	.1896	.1910	.1877	.1902	.1896	.1872	.1902	.1894	.1901
145.	.2687	.2497	.2585	.2624	.2618	.2610	.2590	.2575	.2581	.2527	.2526	.2551	.2541	.2509
160.				.3095	.3023	.3034	.3031	.3023	.3021	.2999	.2970	.2998	.2968	.2991
180.	.2957	.3192	.3252	.3217	.3258	.3248	.3242	.3248	.3245	.3248	.3243	.3215	.3225	.3216
200.				.3266	.3207	.3226	.3232	.3239	.3237	.3226	.3197	.3214	.3194	.3199
215.	.2953	.2811	.2881	.2928	.2945	.2950	.2946	.2952	.2946	.2903	.2903	.2926	.2905	.2890
230.				.2317	.2322	.2291	.2317	.2301	.2323	.2297	.2303	.2307	.2308	.2320
250.				.1707	.1711	.1762	.1779	.1735	.1770	.1784	.1764	.1760	.1786	.1793
270.	.1521	.1557	.1521	.1496	.1450	.1578	.1590	.1577	.1589	.1564	.1570	.1591	.1588	.1580
290.				.1411	.1433	.1489	.1531	.1523	.1538	.1540	.1562	.1572	.1561	.1552
310.	.1475	.1484	.1419	.1415	.1400	.1430	.1475	.1513	.1542	.1570	.1560	.1553	.1551	.1573
325.				.1470	.1447	.1499	.1544	.1550	.1573	.1567	.1557	.1589	.1579	.1591
340.		.1713	.1627	.1677	.1591	.1629	.1669	.1675	.1678	.1696	.1671	.1676	.1685	.1708
350.				.1810	.1797	.1844	.1864	.1859	.1864	.1872	.1870	.1863	.1866	.1873

TABLE VI. - CONTINUED

(J) MACH = 3.95, BETA = .98 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -1.35 DEG								
0.	.2778	.2793	.2793	.2781	.2792	.2789		.2760	.2763	.2772	.2775	.2776		0.
10.	.2337	.2373	.2403	.2395	.2377	.2345		.2328	.2319	.2345	.2339	.2331	.2387	10.
20.	.1829	.1865	.1864	.1861	.1880	.1894		.1857	.1867	.1880	.1882	.1886	.1991	20.
35.	.1598	.1627	.1633	.1587	.1573	.1575		.1560	.1570	.1560	.1551	.1571	.1607	35.
50.	.1505	.1530	.1508	.1478	.1479	.1466		.1475	.1468	.1442	.1427	.1457	.1484	50.
70.	.1434	.1448	.1439	.1408	.1433	.1422		.1449	.1433	.1414	.1399	.1369	.1405	70.
90.	.1429	.1438	.1420	.1415	.1451	.1440		.1442	.1428	.1407	.1364	.1369	.1398	90.
110.	.1533	.1516	.1492	.1482	.1501	.1479	.1480	.1477	.1481	.1494	.1469	.1477	.1456	110.
130.	.1732	.1726	.1715	.1719	.1735		.1688	.1709	.1717	.1729	.1729	.1747	.1752	130.
145.	.2002	.1981	.1992	.1997	.2002		.1971	.1972		.1976	.1983	.2020	.2034	145.
160.	.2184	.2182	.2197	.2209	.2194		.1981	.2161	.2145	.2132	.2118	.2155	.2217	160.
180.	.2326	.2291	.2304	.2291	.2298		.2272	.2240	.2256	.2254	.2247	.2271	.2267	180.
200.	.2368	.2368	.2380	.2383	.2362		.2235	.2348	.2329	.2305	.2294	.2332	.2399	200.
215.	.2315	.2278	.2305	.2303	.2289		.2256	.2263		.2273	.2284	.2317	.2330	215.
230.	.2122	.2112	.2100	.2108	.2117		.2063	.2079	.2088	.2090	.2094	.2107	.2107	230.
250.	.1887	.1877	.1858	.1846	.1864	.1844	.1836	.1830	.1832	.1848	.1825	.1826	.1800	250.
270.	.1765	.1766	.1741	.1732	.1772	.1764		.1774	.1761	.1742	.1704	.1703	.1738	270.
290.	.1768	.1760	.1751	.1711	.1742	.1734		.1780	.1767	.1750	.1738	.1702	.1746	290.
310.	.1829	.1845	.1822	.1792	.1797	.1791		.1818	.1810	.1776	.1759	.1792	.1823	310.
325.	.1934	.1954	.1966	.1925	.1915	.1921		.1906	.1920	.1908	.1897	.1920	.1959	325.
340.	.2170	.2200	.2208	.2210	.2224	.2244		.2216	.2222	.2231	.2225	.2227	.2343	340.
350.	.2559	.2594	.2630	.2633	.2613	.2591		.2561	.2563	.2575	.2567	.2561	.2618	350.
						FOR ALPHA = -.35 DEG								
0.	.2573	.2583	.2578	.2564	.2576	.2569		.2536	.2539	.2552	.2562	.2572		0.
10.	.2185	.2198	.2220	.2220	.2203	.2174		.2148	.2143	.2165	.2165	.2163	.2223	10.
20.	.1742	.1766	.1760	.1753	.1771	.1788		.1748	.1755	.1766	.1767	.1775	.1874	20.
35.	.1551	.1563	.1567	.1522	.1504	.1504		.1489	.1500	.1488	.1479	.1504	.1540	35.
50.	.1463	.1473	.1451	.1420	.1418	.1410		.1418	.1410	.1381	.1372	.1406	.1432	50.
70.	.1400	.1400	.1390	.1365	.1386	.1376		.1398	.1385	.1365	.1350	.1326	.1361	70.
90.	.1398	.1406	.1382	.1376	.1406	.1398		.1400	.1384	.1364	.1330	.1335	.1363	90.
110.	.1511	.1498	.1472	.1463	.1480	.1464	.1468	.1464	.1464	.1476	.1458	.1462	.1440	110.
130.	.1780	.1773	.1764	.1770	.1789		.1741	.1766	.1772	.1782	.1786	.1801	.1807	130.
145.	.2132	.2109	.2140	.2148	.2140		.2086	.2094		.2096	.2112	.2146	.2166	145.
160.	.2388	.2385	.2392	.2397	.2375		.2095	.2345	.2326	.2309	.2301	.2338	.2407	160.
180.	.2541	.2506	.2516	.2499	.2510		.2486	.2452	.2467	.2467	.2459	.2482	.2476	180.
200.	.2572	.2564	.2571	.2580	.2565		.2371	.2544	.2527	.2504	.2485	.2521	.2590	200.
215.	.2461	.2421	.2449	.2449	.2434		.2390	.2406		.2420	.2422	.2458	.2477	215.
230.	.2175	.2164	.2151	.2161	.2176		.2119	.2138	.2148	.2154	.2155	.2167	.2168	230.
250.	.1879	.1860	.1834	.1825	.1847	.1827	.1824	.1817	.1821	.1838	.1809	.1810	.1787	250.
270.	.1727	.1729	.1703	.1696	.1733	.1727		.1733	.1723	.1703	.1662	.1661	.1694	270.
290.	.1708	.1711	.1695	.1661	.1687	.1681		.1727	.1714	.1695	.1681	.1647	.1686	290.
310.	.1759	.1781	.1759	.1730	.1730	.1723		.1749	.1742	.1706	.1692	.1726	.1753	310.
325.	.1849	.1887	.1894	.1852	.1837	.1834		.1819	.1837	.1823	.1810	.1837	.1871	325.
340.	.2052	.2098	.2091	.2083	.2102	.2119		.2084	.2086	.2097	.2086	.2093	.2197	340.
350.	.2381	.2421	.2445	.2440	.2428	.2402		.2373	.2374	.2389	.2383	.2387	.2437	350.
						FOR ALPHA = .65 DEG								
0.	.2372	.2381	.2382	.2354	.2369	.2359		.2328	.2324	.2349	.2362	.2376		0.
10.	.2008	.2031	.2052	.2053	.2040	.2010		.2027	.1977	.2001	.2004	.2009	.2061	10.
20.	.1635	.1662	.1655	.1651	.1670	.1682		.1644	.1648	.1658	.1655	.1661	.1758	20.
35.	.1481	.1503	.1503	.1455	.1437	.1435		.1421	.1431	.1419	.1411	.1434	.1464	35.
50.	.1395	.1415	.1396	.1368	.1366	.1356		.1360	.1353	.1327	.1317	.1349	.1373	50.
70.	.1347	.1356	.1346	.1316	.1339	.1327		.1353	.1338	.1319	.1304	.1281	.1312	70.
90.	.1360	.1366	.1345	.1338	.1370	.1362		.1358	.1344	.1327	.1289	.1298	.1324	90.
110.	.1487	.1478	.1455	.1449	.1465	.1452	.1458	.1452	.1452	.1460	.1435	.1445	.1420	110.
130.	.1828	.1822	.1808	.1817	.1837		.1795	.1814	.1820	.1827	.1829	.1848	.1848	130.
145.	.2271	.2255	.2293	.2295	.2269		.2205	.2209		.2218	.2228	.2270	.2286	145.
160.	.2587	.2579	.2578	.2581	.2568		.2199	.2536	.2513	.2501	.2482	.2526	.2592	160.
180.	.2770	.2727	.2735	.2718	.2730		.2703	.2670	.2686	.2686	.2670	.2698	.2691	180.
200.	.2775	.2762	.2765	.2767	.2766		.2516	.2770	.2753	.2723	.2696	.2739	.2808	200.
215.	.2600	.2559	.2595	.2600	.2579		.2530	.2546		.2564	.2569	.2611	.2626	215.
230.	.2219	.2215	.2203	.2218	.2237		.2178	.2197	.2204	.2213	.2211	.2234	.2233	230.
250.	.1860	.1843	.1811	.1802	.1827	.1806	.1812	.1801	.1802	.1820	.1789	.1801	.1773	250.
270.	.1685	.1693	.1662	.1656	.1696	.1643		.1689	.1678	.1661	.1618	.1626	.1652	270.
290.	.1664	.1663	.1646	.1617	.1645	.1641		.1677	.1658	.1638	.1622	.1600	.1635	290.
310.	.1700	.1717	.1700	.1673	.1675	.1665		.1680	.1672	.1643	.1625	.1660	.1689	310.
325.	.1775	.1809	.1822	.1775	.1756	.1755		.1739	.1748	.1735	.1726	.1755	.1793	325.
340.	.1941	.1971	.1976	.1961	.1979	.2004		.1963	.1958	.1967	.1956	.1962	.2070	340.
350.	.2210	.2237	.2268	.2261	.2252	.2228		.2216	.2195	.2217	.2215	.2224	.2281	350.
						FOR ALPHA = 2.65 DEG								
0.	.1996	.2009	.2006	.1952	.1981	.1969		.1944	.1935	.1983	.1999	.2003		0.
10.	.1690	.1714	.1739	.1735	.1722	.1691		.1668	.1664	.1695	.1704	.1707	.1753	10.
20.	.1440	.1466	.1456	.1452	.1467	.1475		.1436	.1435	.1444	.1444	.1452	.1542	20.
35.	.1337	.1367	.1367	.1321	.1303	.1305		.1286	.1291	.1279	.1272	.1292	.1320	35.
50.	.1274	.1293	.1276	.1251	.1249	.1238		.1243	.1236	.1212	.1201	.1231	.1253	50.
70.	.1250	.1256	.1242	.1213	.1230	.1221		.1245	.1233	.1215	.1203	.1180	.1210	70.
90.	.1278	.1279	.1254	.1244	.1271	.1270		.1265	.1251	.1234	.1203	.1209	.1237	90.
110.	.1438	.1426	.1403	.1393	.1413	.1399	.1404	.1398	.1392	.1402	.1378	.1383	.1360	110.
130.	.1924	.1919	.1906	.1914	.1934		.1882	.1906	.1905	.1911	.1917	.1933	.1937	130.
145.	.2537	.2528	.2571	.2566	.2534		.2468	.2477		.2480	.2502	.2539	.2562	145.
160.	.2997	.2991	.2987	.2997	.2973		.2761	.2934	.2916	.2895	.2883	.2928	.2999	160.
180.	.3252	.3204	.3214	.3192	.3200		.3170	.3135	.3155	.3152	.3137	.3165	.3152	180.
200.	.3212	.3198	.3194	.3195	.3192		.2796	.3187	.3176	.3148	.3128	.3169	.3235	200.
215.	.2903	.2868	.2902	.2911	.2882		.2827	.2836		.2861	.2878	.2919	.2926	215.
230.	.2321	.2314	.2303	.2321	.2345		.2289	.2308	.2315	.2325	.2330	.2352	.2348	230.
250.	.1792	.1780	.1753	.1745	.1768	.1754	.1766	.1759	.1756	.1767	.1739	.1748	.1719	250.
270.	.1598	.1599	.1574	.1562	.1600	.1506		.1599	.1581	.1567	.1529	.1532	.1556	270.
290.	.1572	.1570	.1561	.1525	.1550	.1541		.1563	.1542	.1522	.1509	.1484	.1521	290.
310.	.1589	.1596	.1581	.1553	.1552	.1540		.1549	.1540	.1514	.1499	.1529	.1553	310.
325.	.1633	.1649	.1652	.1608	.1593	.1594		.1577	.1582	.1568	.1560	.1588	.1627	325.
340.	.1726	.1743	.1732	.1729	.1744	.1761		.1710	.1710	.1721	.1711	.1720	.1825	340.
350.	.1884	.1907	.1925	.1919	.1910	.1891		.1881	.1872	.1898	.1906	.1909	.1961	350.

TABLE VI. - CONTINUED

(J) MACH = 3.95, BETA = .98 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 4.65 DEG								
0.	.1480	.1524	.1555	.1580	.1591	.1599	.1640	.1665	.1674	.1677	.1653	.1647	.1645	.1656
10.				.1376	.1373	.1414	.1433	.1426	.1417	.1417	.1411	.1405	.1405	.1410
20.		.1281	.1228	.1230	.1188	.1199	.1226	.1237	.1235	.1239	.1219	.1216	.1223	.1257
35.				.1078	.1064	.1109	.1147	.1144	.1161	.1162	.1161	.1182	.1165	.1172
50.	.1101	.1104	.1062	.1037	.1024	.1059	.1111	.1118	.1147	.1175	.1168	.1157	.1156	.1169
70.				.1038	.1059	.1098	.1159	.1138	.1144	.1146	.1163	.1171	.1163	.1151
90.	.1141	.1166	.1147	.1080	.1131	.1127	.1187	.1177	.1167	.1172	.1168	.1174	.1165	.1165
110.				.1306	.1324	.1343	.1348	.1323	.1336	.1336	.1330	.1337	.1350	.1371
130.				.2013	.2006	.1971	.2001	.1984	.1972	.1969	.1954	.1970	.1970	.1986
145.	.3016	.2778	.2884	.2925	.2902	.2919	.2888	.2882	.2849	.2825	.2797	.2838	.2820	.2795
160.				.3536	.3458	.3484	.3489	.3474	.3457	.3438	.3396	.3444	.3397	.3417
180.	.3420	.3684	.3749	.3710	.3762	.3756	.3756	.3761	.3742	.3742	.3742	.3715	.3729	.3710
200.				.3729	.3664	.3688	.3692	.3693	.3688	.3669	.3652	.3668	.3653	.3654
215.	.3314	.3125	.3221	.3260	.3260	.3274	.3255	.3265	.3254	.3198	.3201	.3224	.3210	.3200
230.				.2435	.2403	.2384	.2402	.2391	.2423	.2390	.2396	.2402	.2400	.2428
250.				.1685	.1691	.1714	.1694	.1702	.1713	.1706	.1691	.1700	.1725	.1741
270.	.1435	.1460	.1429	.1372	.1423	.1438	.1471	.1475	.1485	.1478	.1476	.1491	.1480	.1486
290.				.1297	.1325	.1392	.1429	.1411	.1420	.1417	.1441	.1470	.1468	.1468
310.	.1333	.1358	.1307	.1295	.1291	.1342	.1389	.1400	.1422	.1438	.1436	.1441	.1445	.1477
325.				.1310	.1312	.1367	.1409	.1420	.1429	.1428	.1425	.1457	.1448	.1458
340.		.1477	.1427	.1449	.1428	.1405	.1475	.1474	.1478	.1486	.1465	.1464	.1478	.1506
350.				.1520	.1514	.1557	.1576	.1579	.1583	.1585	.1576	.1570	.1579	.1590
						FOR ALPHA = 9.65 DEG								
0.	.0849	.0998	.1005	.1009	.1012	.1005	.1026	.1045	.1046	.1042	.1004	.1002	.1011	.1017
10.				.0855	.0847	.0856	.0866	.0858	.0855	.0851	.0842	.0843	.0860	.0863
20.		.0832	.0802	.0799	.0786	.0807	.0833	.0840	.0839	.0832	.0811	.0815	.0831	.0847
35.				.0788	.0789	.0824	.0850	.0859	.0865	.0852	.0836	.0843	.0853	.0859
50.	.0777	.0837	.0799	.0780	.0787	.0850	.0889	.0861	.0870	.0881	.0877	.0868	.0879	.0886
70.				.0799	.0812	.0855	.0893	.0876	.0891	.0880	.0887	.0901	.0907	.0901
90.	.0911	.0927	.0938	.0873	.0887	.0890	.0898	.0878	.0896	.0864	.0864	.0878	.0884	.0886
110.				.1129	.1185	.1151	.1172	.1147	.1149	.1154	.1114	.1134	.1155	.1180
130.				.2249	.2236	.2168	.2195	.2133	.2256	.2187	.2183	.2181	.2192	.2215
145.	.3968	.3616	.3765	.3775	.3720	.3739	.3728	.3668	.3647	.3581	.3587	.3621	.3602	.3564
160.				.4732	.4678	.4697	.4697	.4688	.4682	.4647	.4542	.4626	.4565	.4596
180.	.4757	.5107	.5153	.5100	.5145	.5141	.5146	.5165	.5138	.5132	.5113	.5093	.5107	.5079
200.				.4995	.4911	.4940	.4947	.4953	.4947	.4929	.4822	.4904	.4849	.4882
215.	.4311	.4002	.4147	.4224	.4126	.4124	.4098	.4113	.4103	.4010	.4020	.4069	.4034	.3990
230.				.2733	.2663	.2631	.2639	.2630	.2667	.2629	.2657	.2650	.2638	.2660
250.				.1535	.1522	.1527	.1525	.1523	.1545	.1559	.1523	.1534	.1539	.1570
270.	.1181	.1208	.1233	.1171	.1125	.1174	.1179	.1187	.1188	.1173	.1170	.1188	.1174	.1174
290.				.1040	.1032	.1103	.1146	.1151	.1153	.1155	.1162	.1176	.1167	.1162
310.	.0916	.1040	.1007	.0999	.1008	.1083	.1127	.1107	.1120	.1144	.1127	.1115	.1106	.1119
325.				.0997	.0993	.1034	.1077	.1081	.1083	.1074	.1064	.1073	.1056	.1056
340.		.0944	.0927	.0950	.0977	.0983	.1005	.0999	.0985	.0979	.0968	.0975	.0978	.0999
350.				.0936	.0936	.0947	.0959	.0958	.0958	.0949	.0933	.0938	.0950	.0962
						FOR ALPHA = 14.65 DEG								
0.	.0469	.0665	.0634	.0631	.0629	.0626	.0647	.0664	.0682	.0684	.0635	.0645	.0652	.0657
10.				.0453	.0441	.0426	.0456	.0453	.0461	.0469	.0456	.0458	.0476	.0483
20.		.0485	.0459	.0446	.0458	.0470	.0492	.0482	.0479	.0479	.0459	.0458	.0476	.0484
35.				.0466	.0490	.0542	.0565	.0541	.0551	.0549	.0530	.0533	.0538	.0547
50.	.0480	.0514	.0476	.0503	.0509	.0551	.0589	.0572	.0590	.0611	.0604	.0603	.0613	.0618
70.				.0487	.0530	.0566	.0562	.0556	.0575	.0568	.0580	.0615	.0636	.0638
90.	.0651	.0662	.0607	.0577	.0580	.0570	.0573	.0578	.0557	.0529	.0514	.0520	.0525	.0524
110.				.1071	.1083	.1054	.1037	.1031	.1045	.1010	.1004	.1016	.1035	.1061
130.				.2582	.2422	.2391	.2421	.2391	.2445	.2395	.2429	.2435	.2429	.2444
145.	.5063	.4480	.4743	.4761	.4565	.4635	.4551	.4548	.4529	.4424	.4411	.4445	.4419	.4360
160.				.6139	.6049	.6071	.6041	.6042	.6020	.6005	.5889	.5972	.5902	.5923
180.	.6304	.6704	.6660	.6713	.6763	.6731	.6697	.6720	.6695	.6707	.6706	.6663	.6668	.6631
200.				.6437	.6354	.6365	.6331	.6325	.6322	.6319	.6229	.6292	.6204	.6233
215.	.5458	.4933	.5206	.5237	.5091	.5110	.5033	.5019	.4999	.4903	.4902	.4957	.4918	.4864
230.				.3027	.3002	.2918	.2907	.2859	.2929	.2864	.2897	.2910	.2899	.2924
250.				.1468	.1408	.1358	.1429	.1385	.1393	.1371	.1358	.1366	.1379	.1409
270.	.0924	.0949	.0887	.0850	.0878	.0849	.0857	.0861	.0843	.0774	.0796	.0782	.0802	.0806
290.				.0716	.0754	.0814	.0825	.0802	.0816	.0819	.0839	.0847	.0866	.0884
310.	.0630	.0684	.0641	.0687	.0678	.0746	.0793	.0786	.0800	.0822	.0810	.0807	.0795	.0818
325.				.0608	.0648	.0693	.0733	.0740	.0723	.0705	.0689	.0696	.0681	.0698
340.		.0552	.0519	.0525	.0555	.0532	.0584	.0574	.0570	.0549	.0540	.0534	.0529	.0548
350.				.0469	.0478	.0487	.0512	.0504	.0498	.0498	.0509	.0504	.0511	.0517
						FOR ALPHA = 19.65 DEG								
0.	.0247	.0481	.0458	.0435	.0430	.0452	.0460	.0478	.0504	.0508	.0455	.0463	.0473	.0471
10.				.0221	.0221	.0213	.0219	.0211	.0216	.0224	.0217	.0217	.0230	.0246
20.		.0258	.0223	.0195	.0215	.0191	.0205	.0182	.0174	.0169	.0153	.0154	.0170	.0191
35.				.0194	.0234	.0252	.0263	.0264	.0279	.0285	.0269	.0256	.0260	.0269
50.	.0191	.0211	.0215	.0226	.0255	.0281	.0305	.0283	.0313	.0340	.0336	.0338	.0348	.0370
70.				.0293	.0297	.0297	.0323	.0300	.0286	.0291	.0292	.0314	.0331	.0340
90.	.0534	.0542	.0420	.0389	.0374	.0386	.0392	.0369	.0362	.0315	.0317	.0299	.0310	.0315
110.				.1017	.1049	.0986	.0976	.0945	.0984	.0941	.0936	.0934	.0960	.0979
130.				.2904	.2785	.2708	.2726	.2603	.2733	.2651	.2679	.2677	.2675	.2700
145.	.6219	.5407	.5743	.5733	.5571	.5589	.5463	.5475	.5424	.5280	.5257	.5303	.5282	.5209
160.				.7603	.7544	.7551	.7514	.7494	.7448	.7429	.7283	.7394	.7289	.7306
180.	.7966	.8411	.8353	.8442	.8491	.8444	.8401	.8415	.8375	.8371	.8346	.8305	.8304	.8255
200.				.7958	.7871	.7873	.7813	.7799	.7771	.7755	.7607	.7733	.7623	.7644
215.	.6704	.5928	.6185	.6277	.6084	.6088	.5964	.5960	.5911	.5800	.5769	.5825	.5811	.5753
230.				.3310	.3243	.3163	.3194	.3105	.3231	.3147	.3149	.3171	.3161	.3211
250.				.1377	.1367	.1282	.1326	.1270	.1305	.1282	.1254	.1255	.1294	.1322
270.	.0788	.0807	.0689	.0623	.0623	.0648	.0614	.0626	.0588	.0556	.0539	.0551	.0549	.0546
290.				.0511	.0556	.0509	.0552	.0536	.0535	.0516	.0522	.0543	.0566	.0587
310.	.0280	.0354	.0367	.0399	.0444	.0479	.0475	.0483	.0517	.0557	.0547	.0537	.0538	.0563
325.				.0288	.0335	.0382	.0375	.0399	.0399	.0396	.0388	.0382	.0379	.0403
340.		.0252	.0221	.0199	.0248	.0201	.0205	.0188	.0178	.0176	.0144	.0141	.0161	.0179
350.				.0213	.0213	.0203	.0210	.0197	.0182	.0180	.0171	.0186	.0209	.0220

TABLE VI. - CONTINUED

(J) MACH = 3.95, BETA = .98 DEG, CONCLUDED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	CP AT X/L = .7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 4.65 DEG								
0.	.1673	.1683	.1674	.1593	.1640	.1632		.1622	.1605	.1665	.1670	.1669		0.
10.	.1423	.1437	.1457	.1446	.1436	.1407		.1402	.1399	.1435	.1437	.1432	.1465	10.
20.	.1283	.1298	.1280	.1265	.1276	.1277		.1238	.1240	.1255	.1253	.1259	.1334	20.
35.	.1201	.1212	.1216	.1178	.1167	.1168		.1150	.1154	.1143	.1133	.1153	.1183	35.
50.	.1169	.1173	.1154	.1129	.1128	.1119		.1131	.1129	.1106	.1094	.1122	.1138	50.
70.	.1162	.1158	.1144	.1114	.1129	.1118		.1140	.1130	.1114	.1102	.1085	.1112	70.
90.	.1178	.1180	.1153	.1144	.1171	.1174		.1169	.1160	.1145	.1113	.1120	.1141	90.
110.	.1375	.1364	.1340	.1330	.1343	.1329	.1334	.1323	.1318	.1323	.1296	.1302	.1276	110.
130.	.1987	.2009	.1997	.2003	.2014		.1966	.1991	.1991	.1994	.1996	.2017	.2017	130.
145.	.2837	.2798	.2836	.2833	.2802		.2744	.2752		.2754	.2781	.2820	.2835	145.
160.	.3421	.3426	.3426	.3441	.3411		.2958	.3368	.3347	.3320	.3309	.3353	.3431	160.
180.	.3752	.3712	.3722	.3701	.3714		.3671	.3632	.3655	.3659	.3633	.3662	.3644	180.
200.	.3658	.3651	.3651	.3663	.3656		.3223	.3634	.3614	.3585	.3565	.3608	.3682	200.
215.	.3201	.3182	.3202	.3215	.3195		.3146	.3159		.3197	.3222	.3253	.3256	215.
230.	.2419	.2410	.2394	.2411	.2438		.2387	.2414	.2417	.2429	.2434	.2457	.2460	230.
250.	.1729	.1716	.1697	.1685	.1706	.1687	.1697	.1694	.1686	.1696	.1664	.1667	.1644	250.
270.	.1490	.1493	.1472	.1462	.1498	.1489		.1494	.1479	.1464	.1430	.1429	.1452	270.
290.	.1481	.1472	.1457	.1423	.1441	.1431		.1444	.1426	.1406	.1395	.1372	.1405	290.
310.	.1481	.1472	.1450	.1420	.1416	.1405		.1414	.1407	.1381	.1368	.1394	.1415	310.
325.	.1492	.1492	.1490	.1450	.1434	.1437		.1412	.1416	.1401	.1395	.1420	.1459	325.
340.	.1518	.1522	.1507	.1499	.1509	.1519		.1477	.1479	.1494	.1494	.1503	.1591	340.
350.	.1601	.1605	.1620	.1608	.1602	.1584		.1589	.1574	.1606	.1616	.1610	.1662	350.
						FOR ALPHA = 9.65 DEG								
0.	.1033	.1068	.1070	.0915	.1028	.1025		.1001	.0915	.1017	.1023	.1018		0.
10.	.0873	.0863	.0879	.0868	.0872	.0864		.0864	.0843	.0868	.0865	.0854	.0878	10.
20.	.0852	.0835	.0830	.0818	.0833	.0839		.0820	.0816	.0827	.0821	.0817	.0872	20.
35.	.0882	.0867	.0868	.0834	.0828	.0837		.0815	.0812	.0807	.0803	.0822	.0853	35.
50.	.0888	.0876	.0869	.0844	.0848	.0841		.0844	.0841	.0829	.0818	.0832	.0852	50.
70.	.0917	.0903	.0897	.0871	.0882	.0873		.0884	.0874	.0864	.0855	.0839	.0865	70.
90.	.0886	.0885	.0867	.0856	.0884	.0886		.0890	.0879	.0872	.0839	.0845	.0863	90.
110.	.1189	.1180	.1153	.1137	.1140	.1113	.1114	.1101	.1093	.1099	.1060	.1068	.1046	110.
130.	.2206	.2205	.2190	.2199	.2214		.2163	.2197	.2197	.2207	.2206	.2229	.2223	130.
145.	.3558	.3522	.3567	.3581	.3556		.3490	.3496		.3491	.3515	.3567	.3586	145.
160.	.4583	.4592	.4603	.4644	.4615		.4003	.4544	.4511	.4483	.4477	.4520	.4603	160.
180.	.5131	.5077	.5109	.5073	.5091		.5035	.4990	.5016	.5026	.4993	.5027	.4999	180.
200.	.4853	.4861	.4876	.4903	.4880		.4309	.4834	.4803	.4775	.4761	.4810	.4889	200.
215.	.3979	.3932	.4001	.4028	.3996		.3924	.3943		.3932	.3966	.4009	.4024	215.
230.	.2659	.2660	.2650	.2654	.2683		.2625	.2668	.2659	.2672	.2673	.2694	.2689	230.
250.	.1577	.1567	.1535	.1522	.1519	.1491	.1486	.1477	.1463	.1461	.1422	.1425	.1395	250.
270.	.1182	.1185	.1165	.1158	.1185	.1180		.1193	.1182	.1167	.1132	.1128	.1145	270.
290.	.1178	.1172	.1164	.1138	.1150	.1140		.1149	.1142	.1127	.1118	.1099	.1122	290.
310.	.1120	.1119	.1107	.1084	.1082	.1080		.1086	.1084	.1065	.1056	.1076	.1098	310.
325.	.1078	.1072	.1075	.1041	.1033	.1042		.1020	.1025	.1020	.1020	.1046	.1081	325.
340.	.0999	.0999	.0989	.0978	.0987	.0999		.0984	.0982	.0995	.0990	.0992	.1052	340.
350.	.0968	.0969	.0989	.0978	.0981	.0971		.0993	.0952	.0977	.0974	.0968	.1000	350.
						FOR ALPHA = 14.65 DEG								
0.	.0670	.0730	.0730	.0472	.0639	.0641		.0616	.0476	.0630	.0632	.0627		0.
10.	.0495	.0481	.0497	.0477	.0488	.0485		.0475	.0457	.0483	.0484	.0480	.0505	10.
20.	.0500	.0480	.0475	.0462	.0471	.0474		.0461	.0458	.0474	.0474	.0473	.0514	20.
35.	.0574	.0549	.0551	.0525	.0519	.0535		.0503	.0501	.0499	.0503	.0517	.0547	35.
50.	.0623	.0599	.0592	.0566	.0567	.0568		.0570	.0570	.0565	.0562	.0578	.0598	50.
70.	.0654	.0633	.0627	.0607	.0620	.0608		.0613	.0610	.0607	.0602	.0592	.0609	70.
90.	.0514	.0500	.0482	.0474	.0490	.0480		.0490	.0485	.0486	.0456	.0465	.0470	90.
110.	.1042	.1028	.1003	.0992	.0994	.0974	.0977	.0966	.0957	.0963	.0928	.0934	.0907	110.
130.	.2424	.2428	.2431	.2434	.2452		.2409	.2467	.2463	.2483	.2486	.2507	.2501	130.
145.	.4350	.4307	.4369	.4392	.4362		.4307	.4324		.4292	.4343	.4386	.4423	145.
160.	.5898	.5905	.5912	.5929	.5907		.5048	.5838	.5826	.5792	.5793	.5836	.5927	160.
180.	.6698	.6596	.6632	.6575	.6596		.6543	.6477	.6545	.6546	.6518	.6553	.6505	180.
200.	.6221	.6230	.6225	.6238	.6207		.5721	.6141	.6142	.6097	.6100	.6144	.6223	200.
215.	.4869	.4821	.4875	.4888	.4867		.4802	.4813		.4781	.4832	.4877	.4896	215.
230.	.2919	.2920	.2906	.2924	.2954		.2890	.2938	.2926	.2946	.2944	.2967	.2955	230.
250.	.1401	.1382	.1356	.1349	.1351	.1323	.1323	.1307	.1293	.1293	.1254	.1262	.1238	250.
270.	.0801	.0790	.0768	.0759	.0779	.0773		.0782	.0774	.0771	.0739	.0745	.0762	270.
290.	.0897	.0889	.0882	.0860	.0873	.0861		.0861	.0851	.0842	.0836	.0824	.0846	290.
310.	.0816	.0811	.0805	.0786	.0788	.0788		.0791	.0786	.0771	.0763	.0780	.0796	310.
325.	.0716	.0705	.0711	.0690	.0691	.0708		.0673	.0664	.0656	.0653	.0671	.0699	325.
340.	.0568	.0558	.0557	.0543	.0551	.0555		.0552	.0543	.0557	.0556	.0562	.0605	340.
350.	.0533	.0525	.0539	.0520	.0531	.0527		.0588	.0494	.0519	.0524	.0522	.0551	350.
						FOR ALPHA = 19.65 DEG								
0.	.0475	.0543	.0541	.0208	.0417	.0434		.0395	.0213	.0399	.0398	.0389		0.
10.	.0254	.0238	.0244	.0206	.0230	.0229		.0222	.0195	.0221	.0222	.0210	.0236	10.
20.	.0204	.0184	.0183	.0166	.0181	.0184		.0173	.0168	.0184	.0184	.0174	.0204	20.
35.	.0287	.0261	.0261	.0237	.0244	.0266		.0229	.0222	.0219	.0218	.0223	.0242	35.
50.	.0376	.0355	.0344	.0327	.0331	.0335		.0334	.0330	.0328	.0323	.0329	.0346	50.
70.	.0359	.0344	.0342	.0327	.0339	.0331		.0337	.0333	.0333	.0329	.0316	.0332	70.
90.	.0307	.0276	.0253	.0237	.0245	.0238		.0235	.0229	.0225	.0198	.0197	.0205	90.
110.	.0952	.0931	.0907	.0894	.0893	.0877	.0880	.0868	.0859	.0864	.0824	.0834	.0816	110.
130.	.2681	.2680	.2679	.2691	.2720		.2692	.2761	.2760	.2782	.2777	.2793	.2783	130.
145.	.5173	.5116	.5177	.5201	.5184		.5164	.5197		.5201	.5241	.5283	.5310	145.
160.	.7276	.7269	.7282	.7280	.7272		.6877	.7276	.7285	.7243	.7231	.7269	.7373	160.
180.	.8352	.8224	.8259	.8204	.8235		.8224	.8162	.8260	.8252	.8216	.8266	.8198	180.
200.	.7629	.7624	.7634	.7631	.7614		.6817	.7619	.7623	.7574	.7560	.7607	.7712	200.
215.	.5730	.5663	.5728	.5715	.5689		.5660	.5700		.5696	.5747	.5796	.5832	215.
230.	.3204	.3198	.3182	.3183	.3213		.3152	.3221	.3218	.3254	.3262	.3293	.3279	230.
250.	.1309	.1287	.1260	.1247	.1238	.1206	.1201	.1185	.1175	.1179	.1145	.1157	.1134	250.
270.	.0531	.0511	.0486	.0469	.0479	.0450		.0463	.0449	.0444	.0414	.0420	.0430	270.
290.	.0606	.0581	.0585	.0570	.0587	.0579		.0584	.0576	.0572	.0569	.0556	.0578	290.
310.	.0575	.0549	.0550	.0523	.0524	.0523		.0529	.0521	.0516	.0511	.0525	.0547	310.
325.	.0416	.0386	.0386	.0361	.0368	.0398		.0361	.0345	.0338	.0335	.0338	.0361	325.
340.	.0194	.0171	.0173	.0158	.0170	.0173		.0167	.0153	.0170	.0174	.0173	.0206	340.
350.	.0233	.0216	.0229	.0198	.0221	.0220		.0283	.0177	.0203	.0201	.0192	.0219	350.

TABLE VI. - CONTINUED

(K) MACH = 3.95, BETA = 3.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -1.35 DEG								
0.	.2557	.2526	.2582	.2585	.2653	.2649	.2677	.2708	.2713	.2720	.2710	.2709	.2702	.2709
10.				.2032	.2037	.2119	.2123	.2112	.2084	.2084	.2085	.2076	.2047	.2051
20.		.1694	.1573	.1583	.1474	.1450	.1442	.1453	.1458	.1467	.1451	.1458	.1444	.1464
35.				.1172	.1105	.1175	.1183	.1213	.1236	.1232	.1225	.1248	.1220	.1225
50.	.1199	.1137	.1090	.1067	.1053	.1120	.1171	.1122	.1152	.1206	.1199	.1187	.1170	.1186
70.				.1033	.1050	.1091	.1127	.1129	.1140	.1143	.1162	.1163	.1138	.1130
90.	.1082	.1076	.1038	.1031	.1046	.1072	.1119	.1132	.1147	.1140	.1142	.1148	.1124	.1123
110.				.1115	.1121	.1163	.1170	.1174	.1192	.1174	.1171	.1177	.1193	.1198
130.				.1371	.1396	.1360	.1388	.1379	.1373	.1383	.1380	.1377	.1367	.1388
145.	.1822	.1686	.1742	.1758	.1765	.1761	.1754	.1740	.1755	.1715	.1732	.1708	.1698	.1693
160.				.2139	.2046	.2069	.2060	.2060	.2059	.2052	.2023	.2041	.2005	.2005
180.	.2125	.2285	.2322	.2320	.2328	.2327	.2324	.2334	.2332	.2334	.2327	.2298	.2300	.2289
200.				.2607	.2532	.2535	.2538	.2544	.2557	.2548	.2511	.2534	.2519	.2530
215.	.2587	.2538	.2549	.2593	.2646	.2619	.2627	.2635	.2644	.2607	.2635	.2657	.2642	.2617
230.				.2478	.2487	.2484	.2498	.2493	.2503	.2489	.2503	.2511	.2519	.2532
250.				.2161	.2192	.2227	.2225	.2246	.2248	.2264	.2250	.2253	.2279	.2298
270.	.2091	.2080	.2061	.2015	.2047	.2094	.2145	.2155	.2169	.2144	.2146	.2165	.2152	.2143
290.				.1977	.1983	.2009	.2135	.2142	.2131	.2117	.2140	.2156	.2136	.2126
310.	.2129	.2105	.2072	.2037	.1982	.2071	.2167	.2130	.2150	.2172	.2161	.2153	.2151	.2180
325.				.2155	.2090	.2154	.2210	.2242	.2251	.2227	.2197	.2244	.2232	.2240
340.		.2567	.2443	.2470	.2409	.2409	.2448	.2455	.2474	.2480	.2446	.2463	.2467	.2483
350.				.2665	.2686	.2732	.2739	.2742	.2738	.2741	.2731	.2731	.2741	.2739
						FOR ALPHA = -.35 DEG								
0.	.2359	.2336	.2384	.2389	.2447	.2442	.2481	.2508	.2518	.2520	.2506	.2505	.2506	.2516
10.				.1887	.1878	.1953	.1963	.1954	.1934	.1932	.1925	.1915	.1891	.1900
20.		.1582	.1478	.1463	.1373	.1358	.1356	.1368	.1378	.1386	.1366	.1373	.1357	.1374
35.				.1111	.1044	.1114	.1141	.1164	.1187	.1183	.1175	.1196	.1169	.1174
50.	.1133	.1100	.1046	.1026	.1014	.1083	.1123	.1098	.1113	.1158	.1157	.1144	.1127	.1140
70.				.1001	.1018	.1042	.1072	.1093	.1101	.1103	.1119	.1127	.1104	.1094
90.	.1056	.1050	.1028	.1014	.1025	.1010	.1093	.1103	.1114	.1102	.1104	.1120	.1101	.1094
110.				.1093	.1131	.1135	.1147	.1160	.1174	.1153	.1161	.1163	.1171	.1179
130.				.1409	.1414	.1393	.1440	.1391	.1430	.1410	.1420	.1403	.1415	.1434
145.	.1964	.1802	.1859	.1895	.1868	.1880	.1859	.1886	.1853	.1849	.1804	.1857	.1828	.1825
160.				.2306	.2214	.2238	.2243	.2247	.2246	.2242	.2186	.2225	.2184	.2182
180.	.2326	.2497	.2536	.2509	.2546	.2542	.2541	.2542	.2542	.2537	.2539	.2525	.2535	.2520
200.				.2807	.2741	.2740	.2749	.2749	.2762	.2746	.2711	.2747	.2744	.2760
215.	.2767	.2699	.2706	.2767	.2810	.2770	.2785	.2787	.2803	.2738	.2788	.2835	.2828	.2791
230.				.2554	.2561	.2545	.2558	.2557	.2571	.2552	.2572	.2581	.2602	.2629
250.				.2161	.2172	.2214	.2201	.2202	.2224	.2229	.2225	.2234	.2279	.2291
270.	.2045	.2045	.2031	.1979	.2000	.2045	.2072	.2083	.2101	.2087	.2098	.2118	.2118	.2109
290.				.1922	.1922	.1910	.2042	.2079	.2071	.2059	.2090	.2101	.2103	.2085
310.	.2048	.2033	.1994	.1975	.1926	.1956	.2078	.2051	.2088	.2109	.2093	.2088	.2105	.2128
325.				.2057	.2015	.2054	.2114	.2151	.2164	.2148	.2126	.2161	.2153	.2170
340.		.2418	.2311	.2332	.2271	.2256	.2303	.2327	.2334	.2343	.2311	.2325	.2344	.2372
350.				.2492	.2495	.2543	.2555	.2552	.2560	.2565	.2552	.2554	.2575	.2576
						FOR ALPHA = .65 DEG								
0.	.2166	.2150	.2194	.2203	.2259	.2254	.2289	.2317	.2324	.2326	.2309	.2312	.2305	.2314
10.				.1742	.1725	.1805	.1816	.1804	.1786	.1778	.1772	.1766	.1763	.1771
20.		.1475	.1387	.1343	.1278	.1277	.1283	.1287	.1299	.1303	.1282	.1290	.1294	.1312
35.				.1050	.1005	.1069	.1105	.1094	.1131	.1136	.1126	.1141	.1134	.1139
50.	.1068	.1053	.1005	.0981	.0976	.1035	.1083	.1066	.1077	.1113	.1113	.1098	.1096	.1109
70.				.0957	.0971	.1001	.1044	.1051	.1064	.1064	.1078	.1087	.1086	.1073
90.	.1024	.1030	.1020	.0998	.0976	.1030	.1053	.1083	.1080	.1068	.1075	.1084	.1082	.1076
110.				.1074	.1113	.1116	.1140	.1129	.1134	.1137	.1135	.1137	.1164	.1178
130.				.1462	.1451	.1455	.1439	.1454	.1459	.1436	.1460	.1438	.1456	.1483
145.	.2106	.1918	.1988	.2033	.1983	.2000	.1982	.1974	.2005	.1914	.1952	.1962	.1976	.1953
160.				.2489	.2400	.2417	.2425	.2429	.2426	.2421	.2362	.2402	.2386	.2381
180.	.2529	.2716	.2760	.2721	.2761	.2756	.2757	.2759	.2758	.2758	.2756	.2744	.2754	.2736
200.				.3017	.2951	.2952	.2964	.2964	.2969	.2952	.2907	.2955	.2924	.2951
215.	.2939	.2860	.2882	.2929	.2945	.2925	.2949	.2948	.2956	.2893	.2937	.2984	.2955	.2935
230.				.2635	.2622	.2608	.2619	.2609	.2633	.2611	.2628	.2643	.2626	.2666
250.				.2158	.2155	.2177	.2184	.2171	.2199	.2201	.2198	.2210	.2233	.2264
270.	.2002	.2007	.1997	.1929	.1932	.1991	.2019	.2035	.2054	.2017	.2030	.2053	.2027	.2033
290.				.1861	.1872	.1910	.1997	.2005	.2008	.1992	.2023	.2030	.2003	.2000
310.	.1968	.1971	.1904	.1885	.1860	.1903	.1991	.1981	.2002	.2022	.2027	.2022	.1999	.2030
325.				.1962	.1917	.1980	.2036	.2038	.2094	.2068	.2047	.2076	.2038	.2059
340.		.2267	.2191	.2206	.2125	.2125	.2177	.2196	.2211	.2223	.2183	.2196	.2184	.2222
350.				.2317	.2326	.2361	.2376	.2376	.2385	.2390	.2375	.2372	.2360	.2367
						FOR ALPHA = 2.65 DEG								
0.	.1795	.1805	.1850	.1867	.1889	.1909	.1931	.1955	.1959	.1965	.1947	.1940	.1936	.1946
10.				.1476	.1451	.1524	.1527	.1508	.1490	.1488	.1477	.1474	.1475	.1477
20.		.1263	.1204	.1162	.1135	.1107	.1129	.1127	.1132	.1134	.1112	.1125	.1135	.1152
35.				.0945	.0932	.0951	.1004	.1027	.1020	.1022	.1013	.1036	.1029	.1029
50.	.0958	.0954	.0923	.0892	.0885	.0946	.0991	.0982	.1000	.1015	.1002	.0994	.0996	.1005
70.				.0882	.0893	.0935	.0984	.0971	.0977	.0971	.0984	.0995	.0991	.0978
90.	.0950	.0979	.0952	.0923	.0903	.0975	.1007	.0989	.0993	.0976	.0976	.0994	.0994	.0986
110.				.1042	.1091	.1096	.1068	.1057	.1082	.1075	.1065	.1067	.1115	.1121
130.				.1556	.1532	.1488	.1510	.1499	.1538	.1488	.1509	.1510	.1520	.1538
145.	.2404	.2170	.2255	.2308	.2268	.2262	.2224	.2222	.2241	.2206	.2196	.2234	.2223	.2188
160.				.2873	.2813	.2813	.2816	.2815	.2814	.2818	.2747	.2793	.2765	.2772
180.	.2952	.3186	.3239	.3202	.3236	.3220	.3217	.3226	.3211	.3218	.3215	.3190	.3208	.3194
200.				.3461	.3399	.3408	.3409	.3402	.3414	.3387	.3331	.3387	.3356	.3395
215.	.3291	.3180	.3239	.3240	.3269	.3265	.3276	.3269	.3278	.3210	.3256	.3307	.3267	.3255
230.				.2744	.2748	.2724	.2730	.2724	.2745	.2723	.2738	.2754	.2740	.2774
250.				.2093	.2105	.2164	.2122	.2165	.2138	.2158	.2165	.2191	.2204	.2215
270.	.1912	.1937	.1885	.1836	.1811	.1896	.1945	.1932	.1939	.1909	.1904	.1943	.1938	.1943
290.				.1746	.1760	.1818	.1867	.1857	.1873	.1873	.1898	.1914	.1888	.1882
310.	.1810	.1835	.1755	.1740	.1718	.1731	.1830	.1855	.1866	.1888	.1889	.1881	.1873	.1900
325.				.1802	.1769	.1815	.1868	.1886	.1884	.1884	.1881	.1919	.1895	.1906
340.		.1982	.1934	.1934	.1894	.1912	.1935	.1951	.1955	.1971	.1944	.1952	.1953	.1982
350.				.1974	.1974	.2024	.2026	.2020	.2027	.2035	.2031	.2020	.2019	.2027

TABLE VI. - CONTINUED

(K) MACH = 3.95, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -1.35 DEG								
0.	.2736	.2750	.2749	.2743	.2753	.2750		.2737	.2750	.2763	.2760	.2757		0.
10.	.2083	.2116	.2147	.2139	.2124	.2092		.2077	.2077	.2100	.2095	.2082	.2118	10.
20.	.1474	.1512	.1506	.1502	.1520	.1537		.1514	.1528	.1544	.1552	.1557	.1651	20.
35.	.1255	.1289	.1296	.1255	.1245	.1251		.1239	.1253	.1244	.1243	.1262	.1294	35.
50.	.1192	.1215	.1194	.1166	.1164	.1157		.1169	.1168	.1147	.1144	.1175	.1202	50.
70.	.1140	.1152	.1138	.1105	.1123	.1115		.1144	.1136	.1124	.1117	.1096	.1130	70.
90.	.1145	.1148	.1125	.1113	.1142	.1140		.1137	.1129	.1118	.1083	.1091	.1114	90.
110.	.1207	.1201	.1179	.1170	.1190	.1173	.1177	.1173	.1179	.1193	.1170	.1176	.1150	110.
130.	.1402	.1396	.1383	.1386	.1399		.1361	.1378	.1391	.1403	.1407	.1423	.1423	130.
145.	.1725	.1697	.1715	.1707	.1690		.1650	.1657		.1678	.1692	.1729	.1745	145.
160.	.2001	.1992	.1992	.1997	.1991		.1692	.1970	.1957	.1951	.1944	.1975	.2035	160.
180.	.2316	.2284	.2289	.2269	.2274		.2246	.2216	.2236	.2243	.2232	.2259	.2252	180.
200.	.2527	.2528	.2533	.2545	.2530		.2552	.2515	.2492	.2479	.2452	.2499	.2562	200.
215.	.2625	.2594	.2616	.2629	.2620		.2579	.2590		.2607	.2604	.2642	.2656	215.
230.	.2528	.2521	.2503	.2524	.2550		.2488	.2500	.2507	.2517	.2514	.2527	.2520	230.
250.	.2301	.2290	.2264	.2257	.2278	.2217	.2242	.2239	.2250	.2269	.2232	.2239	.2203	250.
270.	.2162	.2168	.2131	.2123	.2168	.2027		.2153	.2135	.2115	.2072	.2081	.2120	270.
290.	.2150	.2143	.2128	.2091	.2124	.2110		.2156	.2139	.2118	.2105	.2070	.2126	290.
310.	.2189	.2209	.2192	.2169	.2171	.2162		.2193	.2190	.2156	.2138	.2170	.2204	310.
325.	.2287	.2317	.2333	.2300	.2283	.2291		.2284	.2305	.2287	.2278	.2305	.2345	325.
340.	.2508	.2532	.2541	.2550	.2572	.2599		.2557	.2567	.2579	.2568	.2564	.2688	340.
350.	.2762	.2798	.2836	.2849	.2840	.2822		.2763	.2807	.2827	.2823	.2812	.2862	350.
						FOR ALPHA = -.35 DEG								
0.	.2541	.2546	.2541	.2525	.2539	.2540		.2520	.2526	.2541	.2547	.2552		0.
10.	.1928	.1960	.1982	.1969	.1957	.1933		.1915	.1905	.1926	.1926	.1920	.1958	10.
20.	.1387	.1427	.1421	.1411	.1431	.1446		.1424	.1430	.1446	.1449	.1453	.1543	20.
35.	.1201	.1232	.1239	.1198	.1189	.1192		.1184	.1193	.1186	.1182	.1203	.1236	35.
50.	.1144	.1162	.1146	.1117	.1118	.1111		.1124	.1118	.1102	.1095	.1122	.1153	50.
70.	.1104	.1114	.1099	.1069	.1084	.1075		.1105	.1098	.1086	.1078	.1059	.1092	70.
90.	.1117	.1116	.1092	.1081	.1108	.1107		.1105	.1096	.1086	.1052	.1062	.1083	90.
110.	.1190	.1181	.1165	.1161	.1178	.1163	.1165	.1160	.1165	.1175	.1150	.1154	.1132	110.
130.	.1448	.1443	.1428	.1426	.1438		.1398	.1415	.1424	.1438	.1438	.1460	.1460	130.
145.	.1837	.1799	.1817	.1811	.1796		.1755	.1766		.1783	.1798	.1839	.1859	145.
160.	.2182	.2172	.2168	.2171	.2164		.1796	.2143	.2127	.2121	.2111	.2149	.2208	160.
180.	.2532	.2494	.2497	.2477	.2483		.2453	.2422	.2441	.2447	.2436	.2466	.2459	180.
200.	.2741	.2742	.2740	.2750	.2728		.2701	.2722	.2691	.2669	.2657	.2704	.2770	200.
215.	.2791	.2750	.2784	.2786	.2772		.2728	.2744		.2757	.2761	.2791	.2809	215.
230.	.2607	.2599	.2585	.2596	.2611		.2547	.2569	.2574	.2583	.2588	.2601	.2597	230.
250.	.2288	.2279	.2257	.2249	.2272	.2248	.2243	.2234	.2238	.2254	.2227	.2230	.2196	250.
270.	.2121	.2122	.2089	.2082	.2121	.1993		.2114	.2099	.2072	.2043	.2044	.2084	270.
290.	.2105	.2086	.2070	.2035	.2066	.2060		.2098	.2087	.2061	.2052	.2018	.2071	290.
310.	.2137	.2137	.2122	.2095	.2103	.2098		.2116	.2115	.2082	.2065	.2094	.2130	310.
325.	.2218	.2227	.2249	.2205	.2195	.2200		.2192	.2205	.2188	.2178	.2207	.2253	325.
340.	.2388	.2408	.2394	.2403	.2433	.2464		.2407	.2411	.2423	.2411	.2415	.2534	340.
350.	.2594	.2616	.2645	.2660	.2656	.2636		.2555	.2609	.2634	.2628	.2628	.2701	350.
						FOR ALPHA = .65 DEG								
0.	.2340	.2346	.2346	.2318	.2342	.2340		.2316	.2312	.2341	.2352	.2361		0.
10.	.1794	.1803	.1829	.1818	.1809	.1784		.1763	.1752	.1774	.1773	.1766	.1805	10.
20.	.1323	.1338	.1335	.1327	.1348	.1359		.1336	.1342	.1354	.1350	.1352	.1443	20.
35.	.1164	.1178	.1184	.1143	.1132	.1135		.1130	.1140	.1132	.1125	.1144	.1172	35.
50.	.1110	.1114	.1099	.1071	.1072	.1063		.1076	.1072	.1056	.1049	.1074	.1101	50.
70.	.1081	.1071	.1055	.1026	.1046	.1038		.1067	.1060	.1052	.1044	.1023	.1054	70.
90.	.1076	.1078	.1057	.1046	.1070	.1067		.1074	.1065	.1056	.1021	.1029	.1052	90.
110.	.1172	.1166	.1144	.1138	.1156	.1142	.1149	.1145	.1144	.1153	.1128	.1131	.1111	110.
130.	.1479	.1482	.1465	.1462	.1474		.1435	.1450	.1458	.1471	.1474	.1494	.1492	130.
145.	.1950	.1918	.1936	.1928	.1909		.1873	.1883		.1894	.1910	.1955	.1978	145.
160.	.2366	.2356	.2350	.2354	.2344		.1872	.2321	.2306	.2297	.2289	.2325	.2389	160.
180.	.2756	.2713	.2717	.2696	.2701		.2673	.2637	.2657	.2662	.2654	.2685	.2677	180.
200.	.2966	.2961	.2960	.2968	.2949		.2865	.2934	.2909	.2887	.2870	.2915	.2984	200.
215.	.2962	.2919	.2947	.2955	.2936		.2890	.2898		.2918	.2925	.2961	.2974	215.
230.	.2674	.2665	.2641	.2659	.2683		.2616	.2634	.2641	.2656	.2664	.2681	.2673	230.
250.	.2274	.2263	.2230	.2221	.2249	.2219	.2211	.2209	.2210	.2234	.2206	.2213	.2178	250.
270.	.2067	.2078	.2043	.2036	.2080	.1953		.2062	.2046	.2029	.1998	.2007	.2040	270.
290.	.2021	.2032	.2015	.1978	.2010	.2005		.2043	.2023	.2003	.1994	.1966	.2011	290.
310.	.2044	.2068	.2051	.2021	.2027	.2021		.2047	.2036	.2006	.1991	.2029	.2061	310.
325.	.2108	.2146	.2159	.2113	.2101	.2104		.2092	.2101	.2088	.2078	.2114	.2156	325.
340.	.2240	.2277	.2266	.2270	.2298	.2322		.2267	.2265	.2275	.2266	.2272	.2393	340.
350.	.2386	.2418	.2462	.2469	.2465	.2436		.2346	.2402	.2438	.2446	.2441	.2516	350.
						FOR ALPHA = 2.65 DEG								
0.	.1969	.1977	.1977	.1928	.1963	.1958		.1930	.1921	.1963	.1977	.1978		0.
10.	.1499	.1512	.1534	.1523	.1513	.1492		.1501	.1458	.1482	.1491	.1478	.1505	10.
20.	.1156	.1170	.1165	.1157	.1177	.1188		.1157	.1158	.1169	.1169	.1167	.1251	20.
35.	.1053	.1063	.1067	.1025	.1018	.1022		.1012	.1019	.1013	.1002	.1016	.1046	35.
50.	.1006	.1012	.0998	.0969	.0970	.0963		.0977	.0976	.0961	.0955	.0975	.0999	50.
70.	.0985	.0982	.0973	.0941	.0957	.0951		.0984	.0975	.0965	.0957	.0936	.0965	70.
90.	.0996	.0995	.0977	.0963	.0989	.0995		.0999	.0991	.0981	.0944	.0950	.0970	90.
110.	.1131	.1117	.1093	.1074	.1086	.1075	.1081	.1081	.1079	.1089	.1059	.1062	.1041	110.
130.	.1533	.1533	.1518	.1516	.1529		.1493	.1515	.1520	.1529	.1531	.1553	.1550	130.
145.	.2186	.2156	.2178	.2170	.2149		.2103	.2117		.2128	.2143	.2191	.2213	145.
160.	.2760	.2755	.2749	.2750	.2735		.2194	.2709	.2687	.2676	.2667	.2707	.2776	160.
180.	.3227	.3186	.3194	.3169	.3174		.3140	.3103	.3122	.3122	.3112	.3147	.3136	180.
200.	.3414	.3421	.3415	.3423	.3396		.3184	.3379	.3353	.3330	.3311	.3364	.3426	200.
215.	.3284	.3249	.3282	.3285	.3258		.3206	.3221		.3238	.3254	.3297	.3302	215.
230.	.2781	.2777	.2767	.2785	.2805		.2739	.2767	.2773	.2785	.2791	.2811	.2807	230.
250.	.2213	.2196	.2165	.2163	.2185	.2167	.2173	.2158	.2160	.2176	.2150	.2155	.2121	250.
270.	.1966	.1976	.1938	.1934	.1969	.1934		.1962	.1951	.1930	.1899	.1906	.1933	270.
290.	.1911	.1919	.1906	.1876	.1899	.1894		.1923	.1905	.1880	.1868	.1841	.1879	290.
310.	.1913	.1927	.1910	.1883	.1883	.1879		.1902	.1893	.1860	.1842	.1879	.1900	310.
325.	.1950	.1968	.1970	.1930	.1912	.1922		.1900	.1908	.1893	.1886	.1915	.1957	325.
340.	.2001	.2023	.2008	.2009	.2025	.2041		.1989	.1983	.1996	.1992	.2005	.2113	340.
350.	.2052	.2078	.2104	.2118	.2105	.2071		.1980	.2050	.2090	.2092	.2095	.2148	350.

TABLE VI. - CONTINUED

(K) MACH = 3.95, BETA = 3.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 4.65 DEG								
0.	.1469	.1515	.1561	.1561	.1584	.1575	.1610	.1635	.1636	.1636	.1616	.1609	.1620	.1631
10.				.1228	.1191	.1266	.1264	.1240	.1235	.1238	.1230	.1221	.1227	.1234
20.		.1079	.1046	.1022	.0976	.0961	.0969	.0972	.0978	.0983	.0969	.0986	.1004	.1017
35.				.0848	.0838	.0873	.0862	.0901	.0925	.0919	.0908	.0927	.0935	.0936
50.	.0883	.0876	.0838	.0815	.0795	.0820	.0865	.0873	.0892	.0923	.0918	.0903	.0912	.0919
70.				.0814	.0818	.0854	.0900	.0891	.0897	.0893	.0897	.0901	.0904	.0894
90.	.0886	.0906	.0888	.0828	.0868	.0906	.0904	.0883	.0888	.0890	.0886	.0895	.0906	.0904
110.				.0989	.1036	.1007	.1006	.1029	.1025	.1020	.0993	.1011	.1057	.1059
130.				.1634	.1583	.1556	.1535	.1544	.1590	.1550	.1560	.1577	.1590	.1607
145.	.2710	.2457	.2550	.2582	.2549	.2550	.2522	.2502	.2506	.2453	.2471	.2502	.2487	.2451
160.				.3315	.3237	.3257	.3245	.3243	.3235	.3229	.3160	.3224	.3193	.3196
180.	.3418	.3694	.3735	.3706	.3739	.3733	.3732	.3733	.3713	.3709	.3712	.3693	.3703	.3683
200.				.3949	.3873	.3888	.3891	.3885	.3877	.3851	.3820	.3851	.3842	.3865
215.	.3678	.3528	.3592	.3608	.3628	.3621	.3624	.3611	.3612	.3539	.3574	.3635	.3618	.3591
230.				.2884	.2859	.2833	.2851	.2835	.2871	.2836	.2852	.2860	.2872	.2906
250.				.2097	.2112	.2071	.2054	.2079	.2109	.2122	.2097	.2105	.2144	.2154
270.	.1817	.1827	.1790	.1710	.1778	.1782	.1814	.1827	.1827	.1813	.1820	.1839	.1843	.1842
290.				.1615	.1649	.1713	.1747	.1734	.1736	.1743	.1762	.1791	.1805	.1801
310.	.1620	.1674	.1634	.1603	.1592	.1655	.1715	.1716	.1716	.1739	.1747	.1744	.1756	.1780
325.				.1609	.1584	.1605	.1698	.1730	.1735	.1711	.1700	.1730	.1737	.1751
340.		.1707	.1673	.1699	.1666	.1678	.1714	.1731	.1728	.1726	.1707	.1704	.1738	.1769
350.				.1684	.1668	.1683	.1712	.1708	.1714	.1713	.1713	.1698	.1726	.1733
						FOR ALPHA = 9.64 DEG								
0.	.0831	.0967	.0956	.0982	.0984	.0978	.0978	.0994	.1011	.1017	.0983	.0979	.0977	.0977
10.				.0725	.0735	.0703	.0759	.0728	.0743	.0738	.0730	.0730	.0731	.0731
20.		.0702	.0660	.0659	.0648	.0644	.0659	.0652	.0665	.0673	.0663	.0667	.0670	.0676
35.				.0601	.0598	.0625	.0650	.0657	.0667	.0665	.0654	.0665	.0659	.0660
50.	.0652	.0650	.0606	.0585	.0587	.0643	.0679	.0649	.0656	.0686	.0678	.0662	.0658	.0668
70.				.0580	.0598	.0639	.0666	.0629	.0644	.0639	.0654	.0670	.0678	.0669
90.	.0675	.0668	.0668	.0614	.0640	.0620	.0627	.0622	.0618	.0591	.0585	.0603	.0606	.0617
110.				.0828	.0847	.0793	.0860	.0770	.0817	.0799	.0789	.0802	.0819	.0829
130.				.1822	.1788	.1708	.1777	.1737	.1757	.1721	.1733	.1744	.1761	.1776
145.	.3619	.3217	.3390	.3415	.3267	.3325	.3279	.3261	.3237	.3155	.3157	.3180	.3165	.3128
160.				.4519	.4425	.4441	.4425	.4423	.4398	.4369	.4270	.4360	.4311	.4326
180.	.4744	.5105	.5134	.5129	.5150	.5134	.5120	.5126	.5104	.5099	.5080	.5049	.5075	.5053
200.				.5271	.5176	.5185	.5181	.5182	.5166	.5140	.5075	.5130	.5093	.5141
215.	.4726	.4437	.4557	.4645	.4555	.4549	.4521	.4525	.4512	.4441	.4443	.4475	.4485	.4448
230.				.3217	.3135	.3110	.3137	.3097	.3174	.3132	.3134	.3153	.3157	.3171
250.				.1956	.1932	.1934	.1915	.1901	.1928	.1938	.1921	.1924	.1959	.1979
270.	.1527	.1548	.1574	.1500	.1452	.1450	.1494	.1523	.1525	.1502	.1501	.1522	.1521	.1519
290.				.1286	.1372	.1380	.1427	.1432	.1454	.1462	.1474	.1491	.1494	.1486
310.	.1171	.1294	.1254	.1250	.1260	.1338	.1391	.1362	.1386	.1428	.1423	.1407	.1408	.1422
325.				.1212	.1219	.1264	.1315	.1329	.1319	.1322	.1313	.1321	.1313	.1319
340.		.1102	.1097	.1115	.1121	.1145	.1152	.1158	.1161	.1161	.1141	.1137	.1153	.1172
350.				.1030	.0995	.0991	.1042	.1033	.1027	.1033	.1029	.1028	.1053	.1058
						FOR ALPHA = 14.65 DEG								
0.	.0418	.0614	.0593	.0582	.0586	.0596	.0608	.0620	.0627	.0648	.0589	.0586	.0595	.0605
10.				.0384	.0389	.0386	.0394	.0381	.0399	.0411	.0399	.0392	.0399	.0401
20.		.0430	.0395	.0371	.0375	.0358	.0380	.0389	.0398	.0397	.0380	.0376	.0381	.0389
35.				.0353	.0366	.0402	.0417	.0411	.0411	.0412	.0396	.0397	.0388	.0399
50.	.0377	.0382	.0347	.0340	.0367	.0397	.0406	.0384	.0412	.0450	.0445	.0430	.0412	.0420
70.				.0315	.0351	.0356	.0365	.0351	.0355	.0348	.0370	.0390	.0391	.0407
90.	.0425	.0417	.0362	.0356	.0326	.0325	.0349	.0328	.0301	.0283	.0264	.0271	.0260	.0269
110.				.0729	.0756	.0767	.0733	.0705	.0710	.0700	.0673	.0686	.0718	.0734
130.				.2147	.2013	.1959	.1993	.1961	.1998	.1953	.1981	.1972	.1966	.1994
145.	.4661	.4040	.4301	.4354	.4150	.4186	.4110	.4104	.4070	.3944	.3919	.3952	.3938	.3893
160.				.5829	.5762	.5788	.5768	.5749	.5698	.5676	.5550	.5642	.5584	.5610
180.	.6279	.6682	.6649	.6701	.6741	.6713	.6670	.6677	.6650	.6653	.6649	.6606	.6604	.6581
200.				.6707	.6606	.6645	.6616	.6608	.6599	.6578	.6462	.6559	.6455	.6501
215.	.5869	.5408	.5634	.5690	.5548	.5568	.5501	.5510	.5492	.5383	.5398	.5464	.5414	.5362
230.				.3540	.3463	.3401	.3417	.3381	.3441	.3403	.3418	.3439	.3413	.3448
250.				.1862	.1810	.1775	.1779	.1782	.1761	.1777	.1708	.1762	.1782	.1813
270.	.1236	.1277	.1209	.1177	.1214	.1181	.1171	.1170	.1160	.1128	.1106	.1135	.1108	.1107
290.				.1001	.1038	.1078	.1100	.1090	.1091	.1100	.1117	.1149	.1146	.1147
310.	.0813	.0898	.0851	.0924	.0908	.0991	.1029	.1022	.1056	.1073	.1059	.1053	.1045	.1062
325.				.0776	.0837	.0885	.0929	.0940	.0916	.0904	.0885	.0901	.0877	.0892
340.		.0603	.0614	.0625	.0614	.0652	.0667	.0653	.0652	.0649	.0622	.0603	.0607	.0624
350.				.0513	.0497	.0501	.0485	.0530	.0519	.0516	.0503	.0495	.0513	.0521
						FOR ALPHA = 19.65 DEG								
0.	.0217	.0444	.0416	.0394	.0386	.0414	.0416	.0430	.0447	.0446	.0397	.0407	.0411	.0414
10.				.0198	.0188	.0188	.0195	.0181	.0194	.0200	.0201	.0203	.0207	.0210
20.		.0234	.0201	.0170	.0192	.0176	.0181	.0167	.0161	.0166	.0160	.0157	.0163	.0178
35.				.0135	.0163	.0152	.0199	.0171	.0185	.0181	.0160	.0163	.0165	.0171
50.	.0146	.0138	.0117	.0112	.0126	.0153	.0151	.0159	.0157	.0187	.0186	.0205	.0207	.0205
70.				.0103	.0114	.0121	.0136	.0102	.0086	.0089	.0105	.0108	.0115	.0125
90.	.0322	.0311	.0219	.0181	.0179	.0191	.0182	.0130	.0149	.0108	.0100	.0114	.0107	.0096
110.				.0737	.0776	.0659	.0685	.0645	.0685	.0664	.0645	.0635	.0657	.0675
130.				.2420	.2294	.2237	.2276	.2170	.2292	.2195	.2221	.2237	.2238	.2264
145.	.5787	.4957	.5284	.5332	.5084	.5105	.4969	.4984	.4916	.4775	.4751	.4783	.4765	.4701
160.				.7310	.7206	.7242	.7187	.7158	.7108	.7080	.6927	.7036	.6937	.6945
180.	.7943	.8394	.8383	.8421	.8463	.8422	.8383	.8397	.8364	.8350	.8317	.8271	.8265	.8216
200.				.8316	.8200	.8224	.8155	.8136	.8117	.8093	.7939	.8025	.7920	.7961
215.	.7178	.6468	.6695	.6775	.6575	.6597	.6480	.6483	.6459	.6329	.6324	.6369	.6346	.6280
230.				.3899	.3749	.3670	.3697	.3632	.3747	.3646	.3680	.3676	.3674	.3708
250.				.1766	.1734	.1678	.1643	.1676	.1683	.1657	.1640	.1638	.1670	.1689
270.	.1086	.1107	.0987	.0916	.0941	.0919	.0904	.0889	.0901	.0865	.0836	.0832	.0831	.0817
290.				.0758	.0820	.0781	.0811	.0779	.0818	.0805	.0840	.0844	.0860	.0869
310.	.0420	.0549	.0558	.0591	.0651	.0714	.0731	.0714	.0756	.0789	.0809	.0801	.0792	.0807
325.				.0436	.0476	.0544	.0524	.0581	.0584	.0571	.0576	.0564	.0567	.0578
340.		.0229	.0198	.0194	.0257	.0203	.0229	.0197	.0165	.0192	.0168	.0152	.0166	.0175
350.				.0159	.0157	.0152	.0137	.0136	.0127	.0129	.0119	.0117	.0132	.0141

TABLE VI. - CONTINUED

(K) MACH = 3.95, BETA = 3.00 DEG, CONCLUDED

THETA, DEG	.5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						CP AT X/L =								
						FOR ALPHA = 4.65 DEG								
0.	.1651	.1655	.1652	.1575	.1627	.1618		.1601	.1576	.1635	.1640	.1638		0.
10.	.1254	.1261	.1279	.1262	.1253	.1229		.1227	.1205	.1233	.1237	.1231	.1251	10.
20.	.1022	.1022	.1018	.1008	.1021	.1025		.0993	.0991	.1004	.1006	.1013	.1086	20.
35.	.0956	.0955	.0957	.0917	.0910	.0917		.0902	.0906	.0899	.0895	.0912	.0944	35.
50.	.0921	.0916	.0904	.0877	.0877	.0873		.0889	.0888	.0873	.0865	.0888	.0907	50.
70.	.0905	.0899	.0891	.0865	.0879	.0872		.0897	.0892	.0882	.0875	.0857	.0877	70.
90.	.0912	.0912	.0890	.0875	.0904	.0905		.0910	.0902	.0895	.0862	.0867	.0880	90.
110.	.1043	.1033	.1011	.1001	.1013	.0999	.1007	.1005	.1001	.1008	.0978	.0980	.0958	110.
130.	.1596	.1591	.1575	.1576	.1590		.1554	.1580	.1582	.1597	.1598	.1619	.1616	130.
145.	.2436	.2406	.2438	.2432	.2413		.2369	.2377		.2383	.2409	.2459	.2478	145.
160.	.3177	.3175	.3176	.3181	.3166		.2892	.3126	.3102	.3090	.3084	.3122	.3199	160.
180.	.3718	.3684	.3708	.3691	.3702		.3654	.3608	.3628	.3633	.3616	.3650	.3634	180.
200.	.3864	.3887	.3890	.3909	.3878		.3508	.3866	.3838	.3807	.3786	.3835	.3906	200.
215.	.3604	.3568	.3619	.3630	.3600		.3539	.3553		.3575	.3591	.3638	.3641	215.
230.	.2901	.2885	.2872	.2901	.2918		.2853	.2887	.2899	.2908	.2917	.2934	.2929	230.
250.	.2148	.2131	.2106	.2105	.2118	.2098	.2099	.2092	.2095	.2107	.2083	.2082	.2055	250.
270.	.1847	.1852	.1825	.1823	.1859	.1737		.1856	.1844	.1828	.1796	.1793	.1819	270.
290.	.1815	.1800	.1793	.1761	.1780	.1771		.1798	.1778	.1753	.1741	.1717	.1760	290.
310.	.1786	.1782	.1762	.1742	.1739	.1732		.1748	.1744	.1711	.1694	.1727	.1746	310.
325.	.1790	.1793	.1798	.1766	.1744	.1746		.1721	.1725	.1705	.1696	.1732	.1775	325.
340.	.1783	.1786	.1760	.1755	.1761	.1772		.1724	.1731	.1744	.1741	.1756	.1848	340.
350.	.1752	.1759	.1779	.1782	.1765	.1741		.1659	.1735	.1765	.1774	.1769	.1819	350.
						FOR ALPHA = 9.64 DEG								
0.	.0992	.1034	.1039	.0881	.0996	.0991		.0964	.0877	.0980	.0982	.0975		0.
10.	.0742	.0742	.0754	.0736	.0737	.0731		.0730	.0705	.0729	.0732	.0722	.0741	10.
20.	.0683	.0674	.0668	.0659	.0670	.0673		.0653	.0653	.0666	.0665	.0663	.0714	20.
35.	.0683	.0678	.0681	.0649	.0643	.0655		.0633	.0638	.0636	.0640	.0656	.0685	35.
50.	.0675	.0669	.0664	.0642	.0643	.0642		.0649	.0647	.0636	.0630	.0641	.0658	50.
70.	.0682	.0674	.0672	.0650	.0662	.0655		.0674	.0667	.0658	.0646	.0627	.0644	70.
90.	.0627	.0623	.0615	.0610	.0636	.0644		.0654	.0644	.0635	.0598	.0601	.0612	90.
110.	.0832	.0832	.0820	.0810	.0813	.0789	.0794	.0788	.0777	.0778	.0737	.0740	.0720	110.
130.	.1759	.1760	.1755	.1757	.1778		.1744	.1783	.1782	.1796	.1788	.1806	.1802	130.
145.	.3119	.3080	.3135	.3143	.3125		.3064	.3082		.3081	.3108	.3157	.3188	145.
160.	.4305	.4307	.4310	.4344	.4320		.4007	.4261	.4235	.4212	.4204	.4244	.4333	160.
180.	.5089	.5039	.5066	.5041	.5051		.5005	.4950	.4978	.4982	.4961	.5006	.4976	180.
200.	.5124	.5143	.5157	.5177	.5132		.4449	.5102	.5086	.5043	.5031	.5078	.5162	200.
215.	.4446	.4419	.4475	.4515	.4468		.4397	.4415		.4413	.4443	.4491	.4495	215.
230.	.3176	.3169	.3168	.3189	.3214		.3157	.3209	.3206	.3204	.3205	.3220	.3215	230.
250.	.1972	.1951	.1928	.1917	.1918	.1895	.1900	.1896	.1888	.1891	.1849	.1847	.1814	250.
270.	.1522	.1529	.1508	.1499	.1527	.1394		.1537	.1524	.1509	.1473	.1464	.1489	270.
290.	.1511	.1489	.1486	.1455	.1472	.1455		.1466	.1452	.1440	.1426	.1397	.1427	290.
310.	.1431	.1413	.1394	.1371	.1369	.1363		.1374	.1368	.1347	.1333	.1349	.1375	310.
325.	.1352	.1321	.1318	.1293	.1288	.1293		.1262	.1267	.1263	.1261	.1285	.1329	325.
340.	.1182	.1166	.1151	.1146	.1151	.1163		.1149	.1154	.1170	.1163	.1157	.1223	340.
350.	.1062	.1043	.1063	.1067	.1071	.1062		.1036	.1047	.1071	.1070	.1056	.1095	350.
						FOR ALPHA = 14.65 DEG								
0.	.0618	.0682	.0680	.0416	.0583	.0588		.0562	.0419	.0572	.0575	.0570		0.
10.	.0417	.0413	.0421	.0393	.0407	.0405		.0397	.0377	.0404	.0404	.0404	.0424	10.
20.	.0400	.0390	.0389	.0375	.0389	.0393		.0378	.0372	.0388	.0387	.0391	.0430	20.
35.	.0423	.0408	.0410	.0386	.0391	.0411		.0385	.0381	.0381	.0379	.0394	.0415	35.
50.	.0434	.0418	.0418	.0401	.0411	.0417		.0416	.0408	.0402	.0395	.0410	.0424	50.
70.	.0432	.0419	.0422	.0409	.0420	.0414		.0414	.0405	.0399	.0394	.0389	.0406	70.
90.	.0278	.0262	.0246	.0237	.0249	.0237		.0239	.0229	.0227	.0204	.0208	.0215	90.
110.	.0713	.0705	.0690	.0684	.0689	.0668	.0674	.0655	.0642	.0644	.0611	.0624	.0604	110.
130.	.1994	.2003	.2007	.2016	.2034		.2000	.2041	.2030	.2040	.2041	.2066	.2065	130.
145.	.3892	.3851	.3910	.3931	.3916		.3864	.3880		.3846	.3890	.3933	.3963	145.
160.	.5591	.5585	.5590	.5604	.5597		.5412	.5540	.5520	.5489	.5489	.5533	.5635	160.
180.	.6665	.6583	.6614	.6553	.6571		.6533	.6458	.6519	.6523	.6505	.6549	.6502	180.
200.	.6507	.6532	.6538	.6529	.6494		.5815	.6446	.6443	.6402	.6390	.6447	.6520	200.
215.	.5370	.5318	.5380	.5385	.5350		.5303	.5316		.5306	.5342	.5387	.5397	215.
230.	.3453	.3460	.3439	.3461	.3488		.3427	.3485	.3473	.3484	.3481	.3502	.3489	230.
250.	.1808	.1785	.1754	.1748	.1755	.1722	.1718	.1700	.1685	.1691	.1638	.1641	.1605	250.
270.	.1118	.1133	.1105	.1092	.1110	.0971		.1126	.1112	.1106	.1066	.1074	.1095	270.
290.	.1177	.1170	.1178	.1155	.1168	.1156		.1161	.1148	.1133	.1127	.1107	.1134	290.
310.	.1076	.1064	.1053	.1034	.1036	.1042		.1052	.1046	.1032	.1024	.1041	.1063	310.
325.	.0930	.0907	.0907	.0886	.0886	.0902		.0876	.0866	.0855	.0854	.0873	.0910	325.
340.	.0648	.0636	.0633	.0626	.0631	.0638		.0631	.0629	.0648	.0647	.0644	.0689	340.
350.	.0535	.0520	.0537	.0524	.0540	.0537		.0567	.0507	.0533	.0535	.0527	.0559	350.
						FOR ALPHA = 19.65 DEG								
0.	.0417	.0494	.0495	.0160	.0368	.0387		.0349	.0169	.0354	.0352	.0342		0.
10.	.0215	.0207	.0214	.0172	.0201	.0203		.0198	.0173	.0200	.0200	.0193	.0223	10.
20.	.0187	.0173	.0173	.0152	.0170	.0172		.0161	.0156	.0173	.0171	.0164	.0198	20.
35.	.0187	.0177	.0178	.0146	.0156	.0175		.0151	.0143	.0142	.0142	.0149	.0170	35.
50.	.0212	.0194	.0197	.0172	.0181	.0183		.0182	.0183	.0182	.0180	.0186	.0204	50.
70.	.0133	.0120	.0118	.0107	.0120	.0113		.0118	.0119	.0119	.0117	.0108	.0123	70.
90.	.0111	.0072	.0057	.0042	.0053	.0053		.0045	.0041	.0042	.0029	.0019	.0027	90.
110.	.0655	.0641	.0618	.0597	.0598	.0581	.0588	.0582	.0578	.0585	.0548	.0565	.0549	110.
130.	.2255	.2261	.2264	.2265	.2291		.2258	.2309	.2308	.2337	.2332	.2361	.2347	130.
145.	.4674	.4628	.4714	.4739	.4733		.4683	.4715		.4675	.4716	.4764	.4809	145.
160.	.6911	.6920	.6962	.6952	.6956		.6566	.6955	.6953	.6908	.6879	.6909	.7006	160.
180.	.8306	.8206	.8235	.8185	.8227		.8222	.8147	.8249	.8239	.8197	.8253	.8175	180.
200.	.7947	.7967	.7967	.7963	.7934		.6824	.7942	.7964	.7914	.7903	.7971	.8062	200.
215.	.6266	.6207	.6285	.6252	.6210		.6183	.6233		.6256	.6301	.6343	.6379	215.
230.	.3720	.3726	.3718	.3727	.3756		.3690	.3758	.3753	.3788	.3787	.3813	.3794	230.
250.	.1684	.1667	.1637	.1627	.1622	.1593	.1587	.1565	.1547	.1547	.1502	.1513	.1480	250.
270.	.0800	.0785	.0760	.0737	.0745	.0673		.0733	.0717	.0707	.0666	.0670	.0683	270.
290.	.0886	.0877	.0878	.0860	.0875	.0867		.0872	.0865	.0852	.0848	.0830	.0853	290.
310.	.0802	.0782	.0784	.0760	.0760	.0763		.0775	.0769	.0761	.0754	.0765	.0789	310.
325.	.0589	.0561	.0569	.0540	.0546	.0567		.0537	.0524	.0517	.0513	.0516	.0537	325.
340.	.0181	.0165	.0167	.0156	.0163	.0165		.0160	.0161	.0188	.0188	.0179	.0206	340.
350.	.0154	.0143	.0154	.0128	.0156	.0158		.0244	.0120	.0147	.0146	.0134	.0159	350.

TABLE VI. - CONTINUED

(L) MACH = 3.95, BETA = 5.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = -5.35 DEG							
0.	.3393	.3324	.3382	.3432	.3481	.3498	.3542	.3570	.3581	.3579	.3558	.3554	.3539	.3564
10.				.2460	.2465	.2581	.2597	.2585	.2541	.2539	.2534	.2522	.2493	.2507
20.		.1903	.1778	.1691	.1576	.1528	.1504	.1491	.1482	.1476	.1459	.1477	.1462	.1482
35.				.1038	.0992	.1044	.1083	.1100	.1122	.1121	.1100	.1128	.1120	.1130
50.	.1138	.1016	.0970	.0954	.0934	.1001	.1042	.1032	.1045	.1063	.1054	.1054	.1052	.1071
70.				.0890	.0921	.0975	.1018	.0985	.1000	.0997	.1005	.1014	.1007	.1000
90.	.0888	.0897	.0894	.0867	.0903	.0928	.0952	.0940	.0952	.0969	.0974	.0978	.0952	.0943
110.				.0857	.0876	.0871	.0886	.0895	.0921	.0912	.0910	.0915	.0926	.0935
130.				.0940	.0966	.0956	.0951	.0935	.0940	.0930	.0934	.0938	.0936	.0946
145.	.1123	.1078	.1088	.1078	.1100	.1104	.1072	.1056	.1067	.1054	.1054	.1060	.1058	.1056
160.				.1373	.1267	.1265	.1257	.1236	.1243	.1240	.1205	.1220	.1212	.1219
180.	.1422	.1532	.1523	.1539	.1544	.1532	.1529	.1539	.1524	.1513	.1518	.1507	.1527	.1527
200.				.1987	.1874	.1896	.1901	.1920	.1917	.1907	.1880	.1903	.1898	.1924
215.	.2174	.2206	.2159	.2222	.2257	.2229	.2243	.2274	.2293	.2230	.2264	.2298	.2276	.2273
230.				.2527	.2563	.2577	.2586	.2589	.2574	.2567	.2563	.2565	.2564	.2608
250.				.2573	.2565	.2686	.2691	.2693	.2703	.2701	.2684	.2690	.2706	.2749
270.	.2599	.2588	.2580	.2549	.2599	.2705	.2747	.2777	.2792	.2756	.2758	.2784	.2739	.2745
290.				.2561	.2602	.2756	.2816	.2800	.2803	.2781	.2806	.2818	.2795	.2801
310.	.2883	.2749	.2756	.2673	.2619	.2839	.2922	.2873	.2888	.2894	.2883	.2875	.2863	.2915
325.				.2858	.2837	.2936	.3000	.3069	.3069	.3029	.2994	.3039	.3001	.3038
340.		.3497	.3317	.3385	.3318	.3338	.3388	.3419	.3430	.3430	.3381	.3386	.3370	.3412
350.				.3694	.3683	.3771	.3787	.3794	.3790	.3778	.3759	.3745	.3735	.3762
							FOR ALPHA = -1.35 DEG							
0.	.2511	.2477	.2531	.2523	.2592	.2611	.2648	.2672	.2676	.2678	.2670	.2668	.2656	.2665
10.				.1786	.1820	.1901	.1908	.1900	.1871	.1864	.1850	.1842	.1818	.1824
20.		.1422	.1321	.1294	.1179	.1149	.1140	.1136	.1136	.1133	.1109	.1120	.1112	.1131
35.				.0848	.0838	.0863	.0910	.0925	.0938	.0941	.0930	.0950	.0930	.0932
50.	.0949	.0873	.0828	.0796	.0801	.0848	.0900	.0900	.0904	.0930	.0909	.0905	.0903	.0916
70.				.0780	.0800	.0848	.0877	.0873	.0897	.0889	.0896	.0903	.0885	.0874
90.	.0837	.0822	.0796	.0782	.0798	.0817	.0855	.0857	.0881	.0878	.0881	.0896	.0880	.0873
110.				.0828	.0863	.0884	.0887	.0900	.0897	.0894	.0892	.0892	.0905	.0920
130.				.1084	.1060	.1075	.1041	.1073	.1062	.1054	.1031	.1063	.1059	.1093
145.	.1566	.1419	.1458	.1501	.1475	.1474	.1477	.1452	.1461	.1429	.1425	.1461	.1434	.1409
160.				.1968	.1858	.1884	.1859	.1876	.1877	.1865	.1817	.1848	.1813	.1816
180.	.2101	.2259	.2287	.2287	.2297	.2298	.2291	.2300	.2308	.2298	.2298	.2264	.2293	.2287
200.				.2733	.2687	.2687	.2673	.2696	.2718	.2705	.2699	.2702	.2677	.2706
215.	.2849	.2835	.2829	.2877	.2932	.2923	.2919	.2942	.2949	.2920	.2942	.2956	.2938	.2944
230.				.2867	.2918	.2909	.2923	.2907	.2903	.2890	.2904	.2914	.2904	.2959
250.				.2570	.2622	.2668	.2664	.2687	.2691	.2682	.2676	.2673	.2688	.2734
270.	.2489	.2465	.2446	.2395	.2435	.2524	.2555	.2567	.2569	.2546	.2543	.2560	.2532	.2534
290.				.2338	.2345	.2418	.2533	.2538	.2524	.2513	.2534	.2537	.2507	.2491
310.	.2490	.2464	.2430	.2406	.2333	.2493	.2559	.2527	.2540	.2557	.2542	.2532	.2514	.2549
325.				.2499	.2481	.2530	.2608	.2645	.2627	.2605	.2591	.2631	.2587	.2598
340.		.2837	.2766	.2751	.2738	.2715	.2775	.2794	.2808	.2817	.2780	.2786	.2778	.2807
350.				.2822	.2846	.2901	.2922	.2914	.2927	.2923	.2927	.2926	.2922	.2925
							FOR ALPHA = -.35 DEG							
0.	.2315	.2288	.2335	.2334	.2389	.2411	.2441	.2474	.2475	.2476	.2459	.2456	.2457	.2461
10.				.1648	.1674	.1747	.1757	.1743	.1720	.1710	.1691	.1682	.1663	.1673
20.		.1320	.1221	.1204	.1096	.1069	.1060	.1058	.1057	.1057	.1030	.1040	.1034	.1050
35.				.0823	.0790	.0830	.0871	.0881	.0897	.0899	.0881	.0901	.0882	.0889
50.	.0900	.0840	.0795	.0767	.0772	.0827	.0877	.0857	.0863	.0884	.0875	.0862	.0859	.0869
70.				.0760	.0769	.0816	.0841	.0840	.0859	.0848	.0858	.0861	.0846	.0839
90.	.0814	.0799	.0770	.0768	.0779	.0799	.0834	.0832	.0843	.0837	.0849	.0862	.0848	.0838
110.				.0814	.0847	.0863	.0884	.0852	.0878	.0872	.0868	.0864	.0885	.0900
130.				.1128	.1091	.1067	.1119	.1087	.1096	.1056	.1071	.1077	.1083	.1117
145.	.1694	.1513	.1555	.1593	.1579	.1565	.1552	.1539	.1571	.1516	.1525	.1560	.1536	.1508
160.				.2134	.2021	.2061	.2013	.2041	.2039	.2032	.1979	.2017	.1984	.1982
180.	.2300	.2468	.2499	.2498	.2499	.2514	.2505	.2510	.2507	.2511	.2507	.2485	.2514	.2496
200.				.2940	.2897	.2902	.2912	.2907	.2914	.2915	.2899	.2911	.2893	.2913
215.	.3038	.3002	.3004	.3044	.3114	.3094	.3103	.3110	.3107	.3080	.3093	.3120	.3113	.3106
230.				.2948	.3005	.2986	.3000	.2985	.2989	.2976	.2974	.2987	.2998	.3031
250.				.2572	.2607	.2641	.2653	.2631	.2642	.2657	.2629	.2635	.2667	.2697
270.	.2454	.2424	.2409	.2350	.2389	.2465	.2475	.2488	.2492	.2482	.2480	.2502	.2483	.2477
290.				.2279	.2307	.2365	.2459	.2456	.2445	.2451	.2467	.2465	.2447	.2436
310.	.2409	.2398	.2330	.2315	.2303	.2370	.2462	.2446	.2456	.2476	.2459	.2454	.2453	.2484
325.				.2386	.2390	.2465	.2479	.2525	.2517	.2494	.2495	.2533	.2505	.2507
340.		.2675	.2620	.2605	.2592	.2592	.2625	.2646	.2654	.2666	.2636	.2642	.2641	.2666
350.				.2608	.2618	.2703	.2721	.2717	.2727	.2732	.2731	.2723	.2736	.2733
							FOR ALPHA = .65 DEG							
0.	.2117	.2105	.2140	.2156	.2208	.2215	.2248	.2281	.2282	.2282	.2260	.2259	.2266	.2280
10.				.1501	.1527	.1598	.1608	.1593	.1566	.1561	.1544	.1537	.1532	.1542
20.		.1226	.1123	.1119	.1014	.0990	.0984	.0986	.0981	.0982	.0960	.0969	.0977	.0991
35.				.0791	.0756	.0793	.0825	.0843	.0854	.0857	.0841	.0854	.0850	.0854
50.	.0851	.0808	.0764	.0733	.0730	.0789	.0833	.0820	.0829	.0847	.0833	.0825	.0830	.0836
70.				.0723	.0737	.0784	.0800	.0792	.0815	.0813	.0822	.0827	.0826	.0812
90.	.0790	.0781	.0766	.0744	.0759	.0773	.0794	.0803	.0836	.0812	.0814	.0829	.0821	.0814
110.				.0801	.0828	.0854	.0844	.0831	.0861	.0851	.0844	.0839	.0880	.0893
130.				.1139	.1124	.1074	.1137	.1113	.1111	.1089	.1112	.1104	.1114	.1149
145.	.1828	.1620	.1671	.1708	.1689	.1725	.1672	.1701	.1661	.1626	.1637	.1648	.1642	.1616
160.				.2303	.2195	.2214	.2218	.2226	.2215	.2203	.2150	.2192	.2176	.2175
180.	.2498	.2689	.2726	.2716	.2727	.2727	.2728	.2738	.2731	.2732	.2733	.2718	.2734	.2718
200.				.3155	.3120	.3131	.3131	.3134	.3147	.3115	.3073	.3113	.3111	.3145
215.	.3213	.3174	.3175	.3226	.3298	.3261	.3272	.3278	.3290	.3207	.3253	.3307	.3301	.3290
230.				.3045	.3072	.3056	.3068	.3051	.3063	.3030	.3035	.3050	.3060	.3115
250.				.2579	.2575	.2630	.2610	.2601	.2619	.2615	.2599	.2608	.2642	.2678
270.	.2400	.2380	.2374	.2290	.2331	.2398	.2414	.2432	.2449	.2415	.2417	.2430	.2414	.2425
290.				.2213	.2242	.2328	.2379	.2376	.2388	.2372	.2388	.2392	.2375	.2373
310.	.2312	.2319	.2232	.2220	.2203	.2299	.2400	.2364	.2370	.2384	.2381	.2368	.2363	.2398
325.				.2297	.2268	.2338	.2402	.2413	.2423	.2398	.2373	.2424	.2412	.2431
340.		.2507	.2462	.2458	.2440	.2463	.2500	.2509	.2511	.2529	.2486	.2493	.2508	.2541
350.				.2400	.2439	.2507	.2532	.2526	.2541	.2543	.2527	.2525	.2548	.2562

TABLE VI. - CONTINUED

(L) MACH = 3.95, BETA = 5.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.35 DEG								
0.	.3605	.3602	.3604	.3628	.3627	.3628		.3620	.3650	.3661	.3672	.3681		0.
10.	.2541	.2562	.2589	.2577	.2563	.2530		.2509	.2510	.2542	.2550	.2548	.2592	10.
20.	.1496	.1531	.1528	.1512	.1537	.1549		.1541	.1565	.1591	.1611	.1633	.1756	20.
35.	.1159	.1190	.1195	.1151	.1143	.1147		.1136	.1152	.1152	.1148	.1168	.1198	35.
50.	.1088	.1114	.1097	.1070	.1075	.1068		.1078	.1073	.1054	.1044	.1076	.1102	50.
70.	.1013	.1023	.1011	.0983	.1005	.0996		.1027	.1020	.1011	.1001	.0980	.1009	70.
90.	.0961	.0965	.0951	.0943	.0977	.0975		.0977	.0968	.0957	.0919	.0926	.0951	90.
110.	.0942	.0933	.0916	.0907	.0925	.0915	.0920	.0921	.0927	.0938	.0920	.0930	.0917	110.
130.	.0952	.0947	.0942	.0949	.0961		.0942	.0952	.0961	.0966	.0968	.0986	.0990	130.
145.	.1065	.1040	.1054	.1054	.1048		.1027	.1041		.1058	.1066	.1097	.1114	145.
160.	.1225	.1220	.1223	.1225	.1227		.1014	.1220	.1212	.1214	.1207	.1232	.1278	160.
180.	.1527	.1501	.1504	.1490	.1496		.1488	.1468	.1483	.1490	.1482	.1503	.1502	180.
200.	.1896	.1892	.1897	.1897	.1883		.2072	.1881	.1848	.1860	.1849	.1884	.1942	200.
215.	.2275	.2239	.2269	.2270	.2255		.2218	.2226		.2250	.2257	.2283	.2307	215.
230.	.2569	.2560	.2555	.2572	.2592		.2530	.2536	.2543	.2544	.2552	.2564	.2567	230.
250.	.2725	.2725	.2697	.2689	.2716	.2679	.2685	.2671	.2681	.2702	.2667	.2676	.2634	250.
270.	.2737	.2762	.2722	.2726	.2773	.2607		.2737	.2723	.2693	.2636	.2649	.2697	270.
290.	.2833	.2809	.2785	.2746	.2779	.2759		.2799	.2787	.2757	.2742	.2701	.2768	290.
310.	.2938	.2945	.2915	.2890	.2892	.2877		.2889	.2884	.2846	.2837	.2900	.2945	310.
325.	.3101	.3120	.3131	.3082	.3067	.3068		.3065	.3095	.3090	.3083	.3133	.3182	325.
340.	.3449	.3471	.3460	.3475	.3531	.3572		.3524	.3530	.3565	.3556	.3575	.3743	340.
350.	.3805	.3830	.3876	.3905	.3905	.3878		.3876	.3878	.3934	.3933	.3925	.3990	350.
						FOR ALPHA = -1.35 DEG								
0.	.2712	.2705	.2705	.2689	.2701	.2700		.2685	.2695	.2709	.2715	.2725		0.
10.	.1858	.1881	.1906	.1891	.1879	.1856		.1837	.1827	.1845	.1844	.1833	.1861	10.
20.	.1145	.1178	.1177	.1165	.1183	.1199		.1185	.1195	.1213	.1226	.1238	.1329	20.
35.	.0961	.0987	.0996	.0961	.0954	.0962		.0954	.0964	.0959	.0957	.0976	.1001	35.
50.	.0925	.0940	.0924	.0903	.0903	.0900		.0915	.0913	.0894	.0888	.0918	.0937	50.
70.	.0884	.0890	.0878	.0857	.0874	.0867		.0893	.0889	.0878	.0866	.0851	.0875	70.
90.	.0889	.0889	.0869	.0861	.0886	.0890		.0888	.0878	.0865	.0828	.0839	.0859	90.
110.	.0932	.0928	.0914	.0905	.0921	.0906	.0909	.0906	.0901	.0910	.0888	.0897	.0882	110.
130.	.1097	.1089	.1076	.1073	.1086		.1059	.1079	.1080	.1089	.1087	.1108	.1113	130.
145.	.1411	.1389	.1402	.1398	.1391		.1365	.1377		.1390	.1406	.1448	.1463	145.
160.	.1807	.1799	.1798	.1803	.1800		.1415	.1780	.1767	.1768	.1765	.1797	.1851	160.
180.	.2287	.2250	.2259	.2240	.2248		.2222	.2198	.2213	.2223	.2217	.2246	.2247	180.
200.	.2701	.2709	.2712	.2723	.2687		.2814	.2678	.2649	.2643	.2631	.2690	.2755	200.
215.	.2940	.2927	.2933	.2946	.2937		.2907	.2917		.2937	.2942	.2983	.2998	215.
230.	.2938	.2930	.2915	.2939	.2963		.2898	.2911	.2927	.2940	.2941	.2964	.2956	230.
250.	.2727	.2721	.2686	.2686	.2711	.2676	.2676	.2657	.2673	.2700	.2665	.2675	.2634	250.
270.	.2548	.2567	.2531	.2533	.2579	.2551		.2554	.2537	.2513	.2466	.2478	.2523	270.
290.	.2544	.2527	.2512	.2476	.2518	.2497		.2541	.2527	.2512	.2496	.2461	.2522	290.
310.	.2582	.2584	.2562	.2539	.2549	.2539		.2571	.2568	.2539	.2521	.2570	.2606	310.
325.	.2673	.2684	.2699	.2659	.2651	.2659		.2651	.2669	.2660	.2652	.2699	.2753	325.
340.	.2846	.2865	.2851	.2864	.2896	.2926		.2880	.2886	.2901	.2884	.2900	.3030	340.
350.	.2980	.2993	.3027	.3044	.3027	.2999		.3001	.3001	.3039	.3033	.3031	.3084	350.
						FOR ALPHA = -.35 DEG								
0.	.2498	.2493	.2493	.2471	.2489	.2485		.2469	.2475	.2492	.2494	.2509		0.
10.	.1699	.1725	.1745	.1734	.1724	.1702		.1681	.1669	.1684	.1680	.1674	.1702	10.
20.	.1064	.1100	.1098	.1084	.1104	.1116		.1102	.1113	.1127	.1132	.1143	.1231	20.
35.	.0910	.0937	.0946	.0914	.0908	.0915		.0909	.0920	.0913	.0908	.0924	.0951	35.
50.	.0877	.0895	.0883	.0858	.0865	.0861		.0873	.0870	.0855	.0847	.0872	.0892	50.
70.	.0846	.0853	.0845	.0820	.0841	.0833		.0860	.0852	.0843	.0833	.0815	.0839	70.
90.	.0856	.0859	.0836	.0829	.0858	.0855		.0856	.0848	.0837	.0799	.0810	.0825	90.
110.	.0913	.0912	.0897	.0886	.0905	.0887	.0891	.0888	.0884	.0889	.0865	.0872	.0858	110.
130.	.1119	.1117	.1098	.1097	.1109		.1081	.1098	.1104	.1111	.1108	.1128	.1128	130.
145.	.1510	.1484	.1502	.1496	.1494		.1457	.1471		.1489	.1500	.1540	.1559	145.
160.	.1973	.1964	.1961	.1969	.1962		.1619	.1943	.1936	.1932	.1922	.1954	.2014	160.
180.	.2512	.2462	.2468	.2450	.2459		.2433	.2403	.2420	.2428	.2428	.2451	.2448	180.
200.	.2912	.2914	.2918	.2934	.2905		.2932	.2889	.2856	.2849	.2842	.2893	.2963	200.
215.	.3121	.3099	.3104	.3116	.3103		.3069	.3076		.3091	.3102	.3147	.3159	215.
230.	.3036	.3020	.3004	.3027	.3040		.2977	.2996	.3007	.3013	.3032	.3051	.3045	230.
250.	.2712	.2701	.2672	.2672	.2691	.2673	.2669	.2649	.2661	.2678	.2658	.2664	.2622	250.
270.	.2496	.2515	.2477	.2477	.2516	.2506		.2506	.2492	.2458	.2423	.2435	.2480	270.
290.	.2461	.2459	.2442	.2409	.2442	.2431		.2474	.2463	.2437	.2428	.2403	.2452	290.
310.	.2491	.2502	.2479	.2459	.2461	.2458		.2484	.2484	.2446	.2438	.2487	.2513	310.
325.	.2568	.2585	.2598	.2566	.2545	.2551		.2535	.2559	.2542	.2537	.2586	.2632	325.
340.	.2690	.2710	.2693	.2714	.2734	.2765		.2719	.2728	.2737	.2722	.2731	.2855	340.
350.	.2770	.2783	.2816	.2840	.2817	.2792		.2794	.2798	.2822	.2822	.2823	.2872	350.
						FOR ALPHA = .65 DEG								
0.	.2302	.2297	.2292	.2258	.2286	.2281		.2260	.2252	.2284	.2293	.2305		0.
10.	.1563	.1577	.1596	.1586	.1579	.1553		.1607	.1515	.1531	.1530	.1528	.1556	10.
20.	.1002	.1026	.1021	.1014	.1030	.1044		.1024	.1030	.1043	.1049	.1057	.1142	20.
35.	.0880	.0896	.0900	.0869	.0863	.0871		.0861	.0873	.0867	.0861	.0874	.0899	35.
50.	.0844	.0856	.0841	.0824	.0825	.0823		.0830	.0832	.0814	.0808	.0827	.0848	50.
70.	.0818	.0816	.0806	.0786	.0803	.0799		.0825	.0821	.0809	.0799	.0779	.0804	70.
90.	.0826	.0827	.0806	.0801	.0823	.0827		.0825	.0819	.0804	.0773	.0778	.0797	90.
110.	.0897	.0890	.0871	.0866	.0880	.0865	.0868	.0862	.0861	.0865	.0843	.0845	.0832	110.
130.	.1143	.1136	.1121	.1119	.1129		.1098	.1119	.1126	.1132	.1132	.1145	.1149	130.
145.	.1614	.1591	.1605	.1603	.1590		.1550	.1567		.1580	.1602	.1641	.1659	145.
160.	.2161	.2145	.2138	.2143	.2133		.1542	.2113	.2106	.2096	.2098	.2123	.2184	160.
180.	.2719	.2679	.2682	.2665	.2678		.2654	.2617	.2636	.2642	.2632	.2667	.2657	180.
200.	.3121	.3134	.3145	.3144	.3132		.3145	.3113	.3071	.3072	.3046	.3105	.3178	200.
215.	.3286	.3256	.3299	.3299	.3272		.3233	.3249		.3268	.3272	.3316	.3332	215.
230.	.3103	.3104	.3095	.3113	.3126		.3055	.3074	.3086	.3092	.3108	.3125	.3120	230.
250.	.2675	.2676	.2655	.2653	.2673	.2646	.2655	.2635	.2640	.2657	.2625	.2639	.2598	250.
270.	.2430	.2450	.2418	.2414	.2456	.2437		.2456	.2437	.2412	.2371	.2383	.2428	270.
290.	.2398	.2379	.2371	.2338	.2372	.2363		.2409	.2394	.2372	.2361	.2327	.2379	290.
310.	.2412	.2411	.2393	.2372	.2377	.2370		.2396	.2395	.2366	.2347	.2392	.2420	310.
325.	.2481	.2480	.2490	.2452	.2439	.2443		.2427	.2441	.2433	.2424	.2467	.2516	325.
340.	.2556	.2558	.2543	.2551	.2582	.2610		.2561	.2557	.2577	.2557	.2566	.2690	340.
350.	.2586	.2578	.2615	.2627	.2621	.2594		.2589	.2580	.2618	.2617	.2616	.2668	350.

TABLE VI. - CONTINUED

(L) MACH = 3.95, BETA = 5.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 1.66 DEG								
0.	.1930	.1927	.1948	.1985	.2025	.2027	.2067	.2092	.2094	.2093	.2075	.2077	.2082	.2086
10.				.1363	.1386	.1453	.1458	.1442	.1421	.1415	.1397	.1403	.1401	.1402
20.		.1130	.1029	.1038	.0939	.0915	.0914	.0911	.0910	.0909	.0888	.0905	.0917	.0932
35.				.0750	.0719	.0763	.0783	.0798	.0811	.0814	.0795	.0812	.0810	.0818
50.	.0797	.0775	.0730	.0702	.0695	.0756	.0789	.0782	.0794	.0806	.0796	.0786	.0795	.0806
70.				.0688	.0692	.0724	.0762	.0758	.0774	.0771	.0782	.0790	.0791	.0778
90.	.0759	.0763	.0747	.0715	.0718	.0745	.0786	.0761	.0779	.0774	.0781	.0788	.0786	.0786
110.				.0777	.0824	.0832	.0796	.0818	.0826	.0831	.0798	.0819	.0865	.0872
130.				.1128	.1150	.1128	.1126	.1085	.1132	.1142	.1128	.1108	.1165	.1173
145.	.1971	.1735	.1791	.1843	.1821	.1834	.1758	.1800	.1797	.1741	.1742	.1754	.1750	.1735
160.				.2491	.2389	.2398	.2403	.2405	.2398	.2389	.2334	.2378	.2362	.2373
180.	.2714	.2927	.2963	.2943	.2958	.2969	.2960	.2970	.2972	.2974	.2968	.2947	.2961	.2944
200.				.3393	.3351	.3364	.3369	.3363	.3372	.3352	.3298	.3341	.3330	.3365
215.	.3402	.3354	.3364	.3412	.3469	.3447	.3462	.3453	.3466	.3393	.3430	.3481	.3464	.3445
230.				.3136	.3140	.3128	.3137	.3116	.3129	.3102	.3114	.3120	.3127	.3170
250.				.2553	.2570	.2601	.2584	.2569	.2602	.2588	.2581	.2582	.2630	.2660
270.	.2351	.2346	.2315	.2236	.2264	.2334	.2365	.2382	.2382	.2361	.2353	.2364	.2360	.2360
290.				.2156	.2181	.2268	.2304	.2294	.2312	.2301	.2328	.2333	.2316	.2297
310.	.2219	.2241	.2156	.2149	.2095	.2232	.2305	.2276	.2283	.2311	.2319	.2298	.2287	.2315
325.				.2216	.2158	.2282	.2309	.2327	.2321	.2302	.2285	.2321	.2309	.2327
340.		.2346	.2307	.2326	.2288	.2325	.2363	.2375	.2384	.2387	.2358	.2366	.2375	.2400
350.				.2208	.2262	.2324	.2345	.2339	.2356	.2356	.2353	.2349	.2366	.2367
						FOR ALPHA = 2.65 DEG								
0.	.1745	.1766	.1790	.1814	.1858	.1854	.1888	.1911	.1916	.1917	.1893	.1891	.1892	.1911
10.				.1202	.1264	.1356	.1300	.1342	.1277	.1295	.1272	.1270	.1260	.1254
20.		.1040	.0949	.0966	.0852	.0854	.0843	.0849	.0838	.0859	.0805	.0837	.0834	.0837
35.				.0703	.0686	.0721	.0734	.0748	.0761	.0765	.0755	.0779	.0758	.0762
50.	.0748	.0738	.0700	.0671	.0665	.0716	.0761	.0744	.0756	.0766	.0751	.0741	.0738	.0749
70.				.0664	.0663	.0702	.0742	.0733	.0739	.0738	.0746	.0750	.0735	.0725
90.	.0729	.0739	.0722	.0679	.0682	.0734	.0732	.0735	.0742	.0740	.0744	.0742	.0733	.0732
110.				.0772	.0794	.0794	.0780	.0782	.0813	.0772	.0765	.0794	.0806	.0819
130.				.1106	.1158	.1123	.1190	.1129	.1160	.1134	.1103	.1175	.1159	.1170
145.	.2119	.1859	.1912	.1976	.1929	.1919	.1882	.1876	.1915	.1854	.1852	.1866	.1844	.1821
160.				.2683	.2590	.2591	.2595	.2594	.2592	.2579	.2518	.2565	.2526	.2541
180.	.2933	.3163	.3204	.3164	.3188	.3205	.3194	.3206	.3206	.3204	.3198	.3172	.3193	.3181
200.				.3638	.3588	.3599	.3605	.3601	.3608	.3567	.3512	.3561	.3574	.3611
215.	.3590	.3521	.3552	.3613	.3655	.3633	.3642	.3633	.3638	.3547	.3588	.3649	.3652	.3632
230.				.3218	.3213	.3189	.3200	.3183	.3201	.3153	.3167	.3181	.3189	.3252
250.				.2509	.2537	.2586	.2567	.2585	.2603	.2548	.2564	.2587	.2624	.2658
270.	.2295	.2297	.2258	.2180	.2218	.2290	.2326	.2309	.2330	.2282	.2274	.2307	.2311	.2337
290.				.2091	.2110	.2202	.2249	.2220	.2234	.2219	.2244	.2268	.2254	.2259
310.	.2112	.2145	.2103	.2076	.2033	.2177	.2222	.2191	.2201	.2218	.2222	.2217	.2220	.2259
325.				.2104	.2073	.2177	.2208	.2231	.2223	.2203	.2176	.2220	.2220	.2250
340.		.2193	.2142	.2186	.2151	.2189	.2226	.2236	.2240	.2245	.2203	.2204	.2230	.2273
350.				.2081	.2106	.2158	.2172	.2175	.2183	.2186	.2165	.2161	.2194	.2214
						FOR ALPHA = 4.64 DEG								
0.	.1412	.1471	.1488	.1501	.1515	.1552	.1556	.1597	.1588	.1593	.1561	.1555	.1566	.1579
10.				.1007	.1054	.1099	.1037	.1051	.1067	.1040	.1019	.1023	.1031	.1042
20.		.0878	.0803	.0794	.0723	.0750	.0688	.0750	.0699	.0744	.0681	.0690	.0715	.0736
35.				.0632	.0621	.0649	.0669	.0668	.0676	.0695	.0673	.0682	.0688	.0695
50.	.0686	.0673	.0636	.0602	.0595	.0635	.0682	.0664	.0670	.0686	.0668	.0662	.0674	.0682
70.				.0601	.0605	.0629	.0694	.0666	.0653	.0658	.0673	.0673	.0679	.0669
90.	.0669	.0679	.0651	.0611	.0614	.0670	.0672	.0625	.0626	.0650	.0643	.0661	.0669	.0664
110.				.0726	.0752	.0709	.0699	.0714	.0696	.0705	.0700	.0699	.0731	.0743
130.				.1192	.1234	.1180	.1206	.1172	.1232	.1187	.1181	.1210	.1218	.1218
145.	.2420	.2121	.2210	.2261	.2175	.2185	.2180	.2180	.2157	.2090	.2085	.2111	.2105	.2069
160.				.3093	.3009	.3012	.3007	.3001	.2989	.2985	.2919	.2978	.2942	.2941
180.	.3394	.3668	.3688	.3679	.3703	.3711	.3703	.3704	.3696	.3685	.3695	.3676	.3685	.3665
200.				.4149	.4088	.4097	.4093	.4090	.4083	.4049	.3977	.4033	.4021	.4075
215.	.3985	.3883	.3948	.4002	.4010	.4005	.3999	.3994	.3992	.3900	.3931	.3997	.3990	.3966
230.				.3353	.3330	.3300	.3324	.3303	.3332	.3279	.3278	.3302	.3310	.3362
250.				.2520	.2513	.2471	.2537	.2494	.2519	.2532	.2508	.2514	.2542	.2568
270.	.2182	.2178	.2157	.2043	.2151	.2155	.2186	.2192	.2200	.2157	.2167	.2205	.2193	.2197
290.				.1946	.1996	.2065	.2092	.2081	.2098	.2083	.2092	.2121	.2130	.2124
310.	.1873	.1963	.1949	.1928	.1920	.2010	.2069	.2011	.2045	.2094	.2067	.2048	.2054	.2081
325.				.1944	.1926	.1962	.2021	.2034	.2031	.2013	.1991	.2021	.2019	.2028
340.		.1888	.1872	.1916	.1899	.1929	.1959	.1960	.1963	.1965	.1919	.1918	.1949	.1975
350.				.1792	.1771	.1819	.1827	.1825	.1829	.1832	.1811	.1808	.1841	.1849
						FOR ALPHA = 9.65 DEG								
0.	.0753	.0905	.0918	.0898	.0920	.0910	.0934	.0953	.0942	.0969	.0913	.0904	.0921	.0924
10.				.0587	.0560	.0587	.0593	.0584	.0583	.0569	.0552	.0558	.0566	.0577
20.		.0546	.0513	.0496	.0502	.0465	.0470	.0478	.0473	.0498	.0486	.0479	.0484	.0501
35.				.0430	.0423	.0436	.0481	.0494	.0494	.0496	.0487	.0492	.0488	.0491
50.	.0509	.0491	.0451	.0419	.0410	.0435	.0490	.0486	.0486	.0501	.0489	.0485	.0487	.0496
70.				.0400	.0414	.0438	.0449	.0441	.0448	.0456	.0478	.0483	.0482	.0481
90.	.0470	.0450	.0439	.0381	.0415	.0394	.0397	.0393	.0370	.0367	.0378	.0380	.0388	.0403
110.				.0576	.0510	.0516	.0533	.0493	.0539	.0524	.0511	.0518	.0543	.0547
130.				.1422	.1403	.1332	.1408	.1326	.1363	.1356	.1354	.1352	.1357	.1372
145.	.3297	.2823	.3032	.3066	.2922	.2929	.2854	.2878	.2847	.2753	.2753	.2770	.2763	.2734
160.				.4248	.4166	.4192	.4170	.4162	.4132	.4110	.4023	.4102	.4067	.4073
180.	.4718	.5073	.5108	.5110	.5122	.5112	.5106	.5103	.5077	.5064	.5054	.5036	.5051	.5018
200.				.5495	.5403	.5411	.5397	.5392	.5379	.5341	.5303	.5322	.5308	.5324
215.	.5095	.4857	.4947	.5042	.4982	.4975	.4947	.4944	.4932	.4855	.4857	.4890	.4892	.4872
230.				.3745	.3659	.3592	.3620	.3593	.3646	.3585	.3601	.3615	.3620	.3662
250.				.2399	.2341	.2354	.2344	.2320	.2344	.2337	.2316	.2319	.2378	.2395
270.	.1882	.1906	.1938	.1851	.1790	.1793	.1841	.1866	.1871	.1834	.1835	.1844	.1863	.1863
290.				.1613	.1636	.1702	.1717	.1756	.1774	.1756	.1790	.1800	.1820	.1807
310.	.1409	.1563	.1510	.1530	.1541	.1622	.1670	.1642	.1674	.1703	.1711	.1689	.1704	.1716
325.				.1440	.1464	.1518	.1574	.1574	.1582	.1553	.1538	.1555	.1566	.1569
340.		.1229	.1225	.1285	.1276	.1269	.1315	.1306	.1310	.1305	.1278	.1268	.1305	.1324
350.				.1062	.1061	.1049	.1077	.1068	.1080	.1087	.1071	.1067	.1104	.1105

TABLE VI. - CONTINUED

(L) MACH = 3.95, BETA = 5.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 1.66 DEG								
0.	.2110	.2107	.2103	.2054	.2092	.2087		.2060	.2047	.2091	.2099	.2110		0.
10.	.1421	.1428	.1452	.1440	.1432	.1410		.1503	.1367	.1386	.1391	.1387	.1416	10.
20.	.0940	.0948	.0948	.0937	.0955	.0969		.0950	.0949	.0960	.0968	.0979	.1061	20.
35.	.0846	.0849	.0857	.0821	.0813	.0823		.0814	.0822	.0817	.0811	.0825	.0851	35.
50.	.0812	.0809	.0799	.0778	.0782	.0778		.0790	.0787	.0773	.0766	.0788	.0809	50.
70.	.0786	.0774	.0767	.0748	.0766	.0764		.0789	.0784	.0774	.0763	.0744	.0767	70.
90.	.0788	.0786	.0773	.0764	.0789	.0799		.0793	.0784	.0772	.0738	.0746	.0766	90.
110.	.0865	.0861	.0842	.0832	.0848	.0836	.0839	.0837	.0830	.0834	.0810	.0815	.0800	110.
130.	.1152	.1148	.1138	.1136	.1148		.1115	.1138	.1144	.1153	.1151	.1169	.1171	130.
145.	.1722	.1699	.1718	.1710	.1700		.1662	.1677		.1688	.1705	.1749	.1771	145.
160.	.2345	.2329	.2324	.2327	.2324		.1694	.2297	.2284	.2279	.2272	.2303	.2368	160.
180.	.2959	.2911	.2920	.2900	.2910		.2884	.2850	.2865	.2871	.2868	.2897	.2888	180.
200.	.3359	.3365	.3370	.3384	.3353		.3341	.3346	.3307	.3292	.3280	.3338	.3410	200.
215.	.3467	.3426	.3468	.3486	.3453		.3403	.3414		.3442	.3453	.3495	.3504	215.
230.	.3170	.3174	.3161	.3184	.3199		.3130	.3149	.3160	.3169	.3185	.3208	.3198	230.
250.	.2664	.2659	.2626	.2619	.2642	.2620	.2630	.2612	.2611	.2629	.2603	.2614	.2574	250.
270.	.2379	.2401	.2368	.2362	.2405	.2387		.2400	.2381	.2358	.2324	.2336	.2373	270.
290.	.2320	.2316	.2308	.2272	.2312	.2301		.2348	.2332	.2310	.2295	.2269	.2313	290.
310.	.2321	.2328	.2314	.2290	.2299	.2291		.2319	.2313	.2286	.2268	.2317	.2342	310.
325.	.2374	.2384	.2393	.2349	.2337	.2340		.2325	.2333	.2322	.2315	.2359	.2412	325.
340.	.2403	.2417	.2399	.2402	.2430	.2456		.2408	.2406	.2419	.2405	.2418	.2536	340.
350.	.2385	.2392	.2423	.2436	.2430	.2404		.2398	.2386	.2428	.2428	.2429	.2475	350.
						FOR ALPHA = 2.65 DEG								
0.	.1936	.1935	.1930	.1863	.1910	.1903		.1877	.1858	.1912	.1919	.1926		0.
10.	.1272	.1290	.1319	.1318	.1316	.1294		.1269	.1246	.1269	.1269	.1268	.1289	10.
20.	.0867	.0882	.0879	.0881	.0899	.0925		.0898	.0902	.0912	.0914	.0920	.0993	20.
35.	.0793	.0805	.0808	.0777	.0770	.0778		.0768	.0778	.0773	.0768	.0786	.0809	35.
50.	.0756	.0768	.0757	.0736	.0737	.0735		.0744	.0746	.0732	.0726	.0746	.0763	50.
70.	.0735	.0740	.0734	.0715	.0730	.0727		.0751	.0746	.0735	.0724	.0707	.0728	70.
90.	.0752	.0746	.0731	.0724	.0748	.0754		.0753	.0746	.0736	.0702	.0710	.0727	90.
110.	.0832	.0828	.0808	.0799	.0816	.0801	.0806	.0799	.0793	.0796	.0769	.0773	.0758	110.
130.	.1169	.1166	.1156	.1154	.1165		.1137	.1160	.1165	.1171	.1172	.1191	.1190	130.
145.	.1832	.1808	.1832	.1825	.1811		.1770	.1788		.1795	.1813	.1856	.1880	145.
160.	.2536	.2526	.2518	.2523	.2513		.2097	.2482	.2471	.2463	.2453	.2487	.2551	160.
180.	.3191	.3150	.3158	.3137	.3144		.3121	.3081	.3103	.3105	.3093	.3129	.3115	180.
200.	.3589	.3599	.3600	.3617	.3587		.3562	.3573	.3539	.3519	.3507	.3568	.3637	200.
215.	.3634	.3601	.3648	.3663	.3629		.3576	.3588		.3615	.3629	.3673	.3681	215.
230.	.3225	.3232	.3226	.3246	.3267		.3199	.3221	.3230	.3245	.3254	.3277	.3273	230.
250.	.2624	.2616	.2587	.2580	.2603	.2585	.2598	.2582	.2579	.2595	.2565	.2578	.2542	250.
270.	.2324	.2341	.2307	.2301	.2340	.2328		.2342	.2326	.2298	.2264	.2269	.2311	270.
290.	.2283	.2253	.2247	.2218	.2246	.2236		.2276	.2264	.2235	.2222	.2187	.2238	290.
310.	.2261	.2242	.2227	.2207	.2212	.2206		.2233	.2235	.2201	.2184	.2226	.2251	310.
325.	.2288	.2273	.2282	.2242	.2232	.2237		.2222	.2231	.2219	.2207	.2252	.2304	325.
340.	.2280	.2276	.2261	.2263	.2286	.2304		.2257	.2253	.2271	.2254	.2266	.2383	340.
350.	.2225	.2213	.2246	.2255	.2247	.2217		.2204	.2197	.2241	.2244	.2238	.2279	350.
						FOR ALPHA = 4.64 DEG								
0.	.1600	.1606	.1603	.1503	.1575	.1569		.1548	.1505	.1576	.1582	.1578		0.
10.	.1056	.1058	.1069	.1055	.1047	.1026		.1140	.0998	.1024	.1031	.1020	.1035	10.
20.	.0765	.0778	.0788	.0778	.0782	.0780		.0752	.0750	.0764	.0770	.0774	.0842	20.
35.	.0719	.0721	.0728	.0697	.0691	.0703		.0691	.0694	.0687	.0682	.0691	.0713	35.
50.	.0692	.0689	.0680	.0660	.0662	.0660		.0672	.0673	.0660	.0654	.0665	.0681	50.
70.	.0679	.0669	.0661	.0641	.0656	.0656		.0676	.0670	.0659	.0653	.0632	.0652	70.
90.	.0676	.0672	.0653	.0647	.0671	.0678		.0676	.0668	.0657	.0623	.0629	.0642	90.
110.	.0754	.0751	.0734	.0722	.0729	.0714	.0717	.0711	.0705	.0705	.0676	.0683	.0668	110.
130.	.1209	.1208	.1198	.1200	.1214		.1186	.1211	.1214	.1220	.1216	.1234	.1231	130.
145.	.2062	.2039	.2070	.2071	.2053		.2007	.2020		.2022	.2046	.2087	.2110	145.
160.	.2925	.2930	.2929	.2939	.2921		.2360	.2880	.2866	.2851	.2841	.2879	.2950	160.
180.	.3689	.3650	.3657	.3640	.3651		.3618	.3574	.3596	.3601	.3581	.3623	.3605	180.
200.	.4056	.4078	.4082	.4114	.4079		.3988	.4056	.4021	.4003	.3985	.4042	.4118	200.
215.	.3967	.3942	.4006	.4029	.3989		.3928	.3940		.3965	.3983	.4032	.4043	215.
230.	.3350	.3352	.3343	.3369	.3395		.3327	.3357	.3362	.3379	.3390	.3413	.3411	230.
250.	.2555	.2548	.2519	.2511	.2531	.2514	.2526	.2513	.2507	.2524	.2492	.2505	.2475	250.
270.	.2197	.2214	.2179	.2177	.2214	.2198		.2222	.2205	.2181	.2145	.2153	.2188	270.
290.	.2154	.2134	.2121	.2092	.2115	.2100		.2132	.2120	.2093	.2078	.2052	.2099	290.
310.	.2097	.2088	.2072	.2051	.2052	.2048		.2068	.2065	.2032	.2017	.2051	.2080	310.
325.	.2078	.2065	.2075	.2043	.2032	.2041		.2014	.2016	.2001	.1996	.2036	.2088	325.
340.	.1994	.1988	.1977	.1975	.1986	.2000		.1962	.1961	.1979	.1973	.1988	.2091	340.
350.	.1870	.1861	.1891	.1898	.1892	.1867		.1857	.1853	.1888	.1898	.1889	.1924	350.
						FOR ALPHA = 9.65 DEG								
0.	.0935	.0971	.0970	.0767	.0912	.0908		.0888	.0775	.0902	.0906	.0902		0.
10.	.0586	.0581	.0591	.0571	.0574	.0570		.0686	.0534	.0555	.0561	.0555	.0570	10.
20.	.0510	.0503	.0502	.0490	.0500	.0506		.0492	.0483	.0495	.0495	.0496	.0542	20.
35.	.0510	.0503	.0506	.0479	.0478	.0493		.0475	.0476	.0474	.0475	.0491	.0514	35.
50.	.0499	.0491	.0483	.0465	.0472	.0472		.0473	.0468	.0456	.0450	.0463	.0478	50.
70.	.0488	.0483	.0483	.0467	.0478	.0472		.0472	.0461	.0453	.0446	.0437	.0453	70.
90.	.0423	.0417	.0406	.0395	.0419	.0415		.0416	.0406	.0404	.0376	.0384	.0396	90.
110.	.0532	.0523	.0513	.0503	.0515	.0493	.0497	.0490	.0477	.0476	.0446	.0455	.0442	110.
130.	.1367	.1373	.1368	.1372	.1391		.1359	.1391	.1387	.1396	.1392	.1415	.1413	130.
145.	.2725	.2690	.2736	.2747	.2731		.2675	.2690		.2680	.2714	.2758	.2786	145.
160.	.4047	.4045	.4059	.4085	.4067		.3679	.4002	.3971	.3954	.3968	.3987	.4077	160.
180.	.5054	.5006	.5037	.5017	.5030		.4987	.4935	.4969	.4967	.4947	.4991	.4964	180.
200.	.5336	.5349	.5383	.5377	.5369		.5222	.5329	.5315	.5298	.5292	.5350	.5449	200.
215.	.4870	.4840	.4896	.4926	.4902		.4829	.4839		.4871	.4907	.4951	.4960	215.
230.	.3649	.3655	.3637	.3666	.3697		.3626	.3675	.3676	.3695	.3702	.3725	.3717	230.
250.	.2379	.2367	.2334	.2327	.2335	.2309	.2319	.2301	.2296	.2303	.2259	.2266	.2226	250.
270.	.1863	.1881	.1849	.1841	.1876	.1871		.1884	.1870	.1855	.1816	.1817	.1839	270.
290.	.1827	.1814	.1804	.1768	.1789	.1771		.1786	.1774	.1752	.1740	.1721	.1754	290.
310.	.1717	.1708	.1690	.1660	.1660	.1651		.1664	.1661	.1638	.1621	.1648	.1673	310.
325.	.1598	.1585	.1590	.1545	.1534	.1541		.1512	.1511	.1505	.1503	.1539	.1588	325.
340.	.1334	.1325	.1314	.1294	.1300	.1309		.1298	.1300	.1323	.1315	.1317	.1384	340.
350.	.1107	.1098	.1118	.1106	.1123	.1108		.1105	.1090	.1121	.1122	.1115	.1141	350.

TABLE VI. - CONTINUED

(L) MACH = 3.95, BETA = 5.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 14.66 DEG								
0.	.0331	.0544	.0533	.0518	.0525	.0512	.0547	.0556	.0572	.0560	.0509	.0504	.0512	.0526
10.				.0298	.0298	.0270	.0271	.0282	.0289	.0302	.0284	.0273	.0299	.0311
20.		.0334	.0299	.0272	.0260	.0248	.0282	.0293	.0299	.0302	.0290	.0282	.0298	.0310
35.				.0251	.0242	.0261	.0282	.0298	.0302	.0299	.0286	.0281	.0291	.0298
50.	.0303	.0285	.0247	.0223	.0231	.0250	.0268	.0257	.0267	.0307	.0293	.0280	.0291	.0304
70.				.0178	.0188	.0178	.0189	.0195	.0180	.0179	.0208	.0227	.0256	.0268
90.	.0248	.0212	.0173	.0167	.0141	.0113	.0118	.0101	.0095	.0070	.0070	.0067	.0087	.0077
110.				.0490	.0439	.0424	.0432	.0425	.0433	.0440	.0428	.0410	.0433	.0450
130.				.1693	.1705	.1533	.1565	.1562	.1628	.1559	.1566	.1577	.1596	.1620
145.	.4269	.3651	.3901	.3869	.3742	.3723	.3688	.3668	.3626	.3506	.3477	.3513	.3510	.3470
160.				.5562	.5446	.5482	.5463	.5444	.5397	.5365	.5259	.5359	.5297	.5316
180.	.6237	.6641	.6619	.6666	.6711	.6676	.6655	.6662	.6612	.6623	.6603	.6576	.6581	.6550
200.				.6965	.6884	.6888	.6857	.6845	.6835	.6825	.6714	.6797	.6728	.6781
215.	.6266	.5857	.5953	.6115	.6004	.6010	.5940	.5941	.5912	.5840	.5860	.5914	.5904	.5849
230.				.4067	.3977	.3897	.3930	.3881	.3969	.3884	.3913	.3922	.3945	.3984
250.				.2294	.2222	.2169	.2171	.2158	.2170	.2157	.2166	.2142	.2200	.2216
270.	.1561	.1611	.1537	.1517	.1566	.1507	.1510	.1495	.1493	.1466	.1451	.1456	.1460	.1462
290.				.1271	.1327	.1336	.1390	.1399	.1393	.1398	.1429	.1452	.1454	.1457
310.	.1000	.1118	.1067	.1168	.1171	.1253	.1290	.1276	.1322	.1349	.1342	.1324	.1321	.1338
325.				.0950	.1026	.1090	.1124	.1138	.1140	.1116	.1104	.1118	.1106	.1120
340.		.0667	.0646	.0703	.0740	.0706	.0736	.0739	.0722	.0725	.0702	.0682	.0698	.0715
350.				.0457	.0481	.0479	.0468	.0493	.0474	.0484	.0498	.0489	.0499	.0507
						FOR ALPHA = 19.65 DEG								
0.	.0144	.0396	.0369	.0348	.0346	.0352	.0365	.0363	.0391	.0379	.0310	.0312	.0309	.0315
10.				.0113	.0113	.0101	.0113	.0107	.0105	.0099	.0083	.0086	.0107	.0120
20.		.0198	.0131	.0110	.0129	.0108	.0123	.0114	.0123	.0127	.0113	.0111	.0124	.0140
35.				.0078	.0092	.0087	.0121	.0075	.0097	.0101	.0092	.0108	.0113	.0113
50.	.0104	.0086	.0043	.0021	.0036	.0031	.0067	.0017	.0043	.0073	.0077	.0078	.0084	.0088
70.				-.0041	-.0041	-.0036	-.0034	-.0057	-.0049	-.0071	-.0056	-.0062	-.0048	-.0052
90.	.0138	.0113	.0035	.0027	.0002	-.0024	-.0002	-.0047	-.0020	-.0050	-.0066	-.0080	-.0076	-.0077
110.				.0438	.0488	.0443	.0430	.0429	.0420	.0389	.0372	.0377	.0405	.0408
130.				.1999	.1947	.1805	.1864	.1784	.1852	.1787	.1825	.1831	.1842	.1856
145.	.5360	.4482	.4787	.4772	.4658	.4658	.4510	.4510	.4447	.4324	.4287	.4315	.4310	.4241
160.				.6993	.6891	.6896	.6851	.6819	.6780	.6766	.6616	.6716	.6624	.6618
180.	.7901	.8350	.8328	.8388	.8427	.8395	.8355	.8370	.8324	.8324	.8287	.8234	.8232	.8179
200.				.8588	.8493	.8512	.8441	.8427	.8401	.8381	.8232	.8325	.8213	.8257
215.	.7584	.6947	.7172	.7257	.7085	.7099	.6997	.6980	.6953	.6837	.6835	.6905	.6859	.6776
230.				.4427	.4325	.4210	.4217	.4168	.4273	.4179	.4202	.4208	.4195	.4232
250.				.2150	.2137	.2100	.2036	.2052	.2051	.2055	.2022	.2022	.2052	.2074
270.	.1380	.1412	.1291	.1243	.1259	.1219	.1223	.1188	.1170	.1150	.1140	.1134	.1127	.1105
290.				.1042	.1077	.1084	.1090	.1083	.1088	.1091	.1123	.1131	.1168	.1169
310.	.0576	.0759	.0772	.0845	.0872	.0935	.0972	.0954	.0988	.1038	.1046	.1039	.1032	.1050
325.				.0592	.0661	.0735	.0703	.0787	.0777	.0747	.0743	.0750	.0752	.0761
340.		.0232	.0222	.0201	.0266	.0228	.0256	.0222	.0197	.0235	.0193	.0188	.0191	.0195
350.				.0094	.0077	.0059	.0049	.0052	.0045	.0036	.0021	.0028	.0035	.0044

TABLE VI. - CONTINUED

(L) MACH = 3.95, BETA = 5.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 14.66 DEG								
0.	.0538	.0610	.0607	.0288	.0497	.0501		.0474	.0305	.0484	.0483	.0482		0.
10.	.0322	.0310	.0315	.0283	.0302	.0301		.0297	.0272	.0298	.0299	.0291	.0311	10.
20.	.0316	.0297	.0299	.0284	.0299	.0300		.0287	.0280	.0295	.0293	.0293	.0329	20.
35.	.0316	.0301	.0305	.0283	.0286	.0301		.0273	.0271	.0271	.0272	.0286	.0306	35.
50.	.0313	.0296	.0291	.0271	.0275	.0275		.0274	.0275	.0269	.0264	.0271	.0285	50.
70.	.0280	.0256	.0247	.0233	.0243	.0238		.0244	.0240	.0237	.0234	.0227	.0241	70.
90.	.0082	.0048	.0035	.0036	.0045	.0036		.0027	.0025	.0024	.0011	.0005	.0008	90.
110.	.0437	.0429	.0412	.0396	.0399	.0381	.0392	.0378	.0371	.0375	.0346	.0355	.0341	110.
130.	.1604	.1610	.1608	.1612	.1627		.1596	.1634	.1630	.1646	.1644	.1667	.1665	130.
145.	.3457	.3422	.3471	.3488	.3482		.3428	.3440		.3408	.3445	.3493	.3529	145.
160.	.5288	.5280	.5282	.5311	.5301		.4617	.5239	.5215	.5184	.5181	.5212	.5309	160.
180.	.6612	.6528	.6561	.6516	.6535		.6504	.6430	.6500	.6501	.6477	.6520	.6473	180.
200.	.6761	.6784	.6796	.6797	.6752		.6651	.6710	.6715	.6687	.6680	.6736	.6818	200.
215.	.5838	.5785	.5854	.5852	.5812		.5761	.5780		.5798	.5845	.5887	.5891	215.
230.	.3974	.3977	.3953	.3981	.4005		.3950	.4005	.3992	.4002	.4009	.4031	.4011	230.
250.	.2214	.2198	.2170	.2160	.2162	.2131	.2134	.2101	.2085	.2083	.2033	.2040	.1995	250.
270.	.1445	.1458	.1424	.1406	.1443	.1436		.1466	.1452	.1447	.1404	.1415	.1432	270.
290.	.1481	.1468	.1462	.1430	.1452	.1437		.1450	.1443	.1427	.1420	.1409	.1437	290.
310.	.1339	.1324	.1312	.1282	.1289	.1291		.1305	.1305	.1289	.1280	.1311	.1332	310.
325.	.1145	.1122	.1119	.1075	.1081	.1099		.1071	.1059	.1056	.1060	.1089	.1123	325.
340.	.0728	.0716	.0716	.0683	.0695	.0699		.0701	.0697	.0725	.0721	.0728	.0774	340.
350.	.0504	.0494	.0510	.0467	.0512	.0506		.0504	.0474	.0510	.0515	.0517	.0547	350.
						FOR ALPHA = 19.65 DEG								
0.	.0319	.0414	.0416	.0042	.0291	.0316		.0273	.0063	.0275	.0272	.0263		0.
10.	.0136	.0127	.0138	.0098	.0129	.0134		.0123	.0097	.0124	.0125	.0118	.0142	10.
20.	.0148	.0132	.0131	.0109	.0124	.0128		.0114	.0107	.0122	.0124	.0120	.0148	20.
35.	.0121	.0099	.0102	.0083	.0094	.0116		.0082	.0078	.0079	.0080	.0088	.0107	35.
50.	.0080	.0059	.0049	.0041	.0057	.0071		.0068	.0068	.0067	.0066	.0071	.0087	50.
70.	-.0041	-.0057	-.0062	-.0066	-.0058	-.0063		-.0070	-.0072	-.0071	-.0073	-.0079	-.0073	70.
90.	-.0050	-.0101	-.0115	-.0118	-.0110	-.0103		-.0121	-.0124	-.0122	-.0124	-.0142	-.0136	90.
110.	.0389	.0372	.0350	.0332	.0337	.0321	.0329	.0328	.0324	.0331	.0302	.0317	.0305	110.
130.	.1841	.1843	.1845	.1845	.1867		.1846	.1893	.1889	.1914	.1913	.1930	.1918	130.
145.	.4210	.4170	.4223	.4243	.4238		.4208	.4242		.4204	.4250	.4300	.4334	145.
160.	.6589	.6591	.6615	.6609	.6604		.6235	.6603	.6605	.6558	.6542	.6558	.6655	160.
180.	.8264	.8148	.8201	.8146	.8186		.8174	.8120	.8215	.8209	.8170	.8212	.8150	180.
200.	.8251	.8266	.8269	.8271	.8236		.8190	.8254	.8272	.8221	.8225	.8288	.8381	200.
215.	.6789	.6720	.6800	.6767	.6721		.6706	.6753		.6800	.6843	.6883	.6912	215.
230.	.4242	.4254	.4240	.4265	.4288		.4216	.4291	.4293	.4327	.4324	.4350	.4328	230.
250.	.2074	.2054	.2018	.2007	.2003	.1969	.1968	.1937	.1923	.1922	.1869	.1882	.1845	250.
270.	.1087	.1084	.1049	.1018	.1031	.1006		.1020	.1006	.0995	.0941	.0956	.0969	270.
290.	.1191	.1178	.1177	.1146	.1162	.1151		.1155	.1152	.1137	.1133	.1115	.1141	290.
310.	.1058	.1053	.1045	.1005	.1001	.1005		.1013	.1013	.1004	.1000	.1019	.1043	310.
325.	.0789	.0758	.0770	.0729	.0739	.0772		.0729	.0711	.0699	.0695	.0706	.0735	325.
340.	.0214	.0203	.0206	.0174	.0183	.0185		.0206	.0204	.0228	.0223	.0222	.0253	340.
350.	.0047	.0044	.0051	.0006	.0055	.0061		.0059	.0002	.0034	.0045	.0045	.0081	350.

TABLE VI. - CONTINUED

(M) MACH = 4.50, BETA = .00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.50 DEG								
0.	.3563	.3507	.3522	.3641	.3676	.3656	.3680	.3691	.3684	.3674	.3640	.3615	.3595	.3593
10.				.3201	.3203	.3270	.3265	.3239	.3195	.3177	.3144	.3122	.3094	.3090
20.		.2739	.2605	.2517	.2463	.2425	.2403	.2402	.2387	.2385	.2340	.2342	.2327	.2337
35.				.1931	.1809	.1880	.1917	.1920	.1919	.1923	.1900	.1934	.1918	.1924
50.	.1960	.1789	.1754	.1718	.1715	.1776	.1813	.1789	.1789	.1825	.1810	.1821	.1816	.1832
70.				.1590	.1637	.1717	.1744	.1722	.1722	.1704	.1745	.1758	.1743	.1731
90.	.1557	.1571	.1603	.1569	.1613	.1652	.1685	.1669	.1670	.1659	.1684	.1723	.1699	.1689
110.				.1560	.1593	.1605	.1608	.1591	.1637	.1647	.1631	.1634	.1658	.1675
130.				.1596	.1626	.1622	.1636	.1609	.1608	.1605	.1606	.1612	.1609	.1631
145.	.1561	.1554	.1539	.1572	.1595	.1589	.1588	.1594	.1599	.1575	.1576	.1585	.1574	.1566
160.				.1690	.1530	.1541	.1536	.1533	.1536	.1521	.1487	.1510	.1504	.1512
180.	.1411	.1513	.1502	.1515	.1514	.1515	.1505	.1502	.1502	.1497	.1491	.1483	.1485	.1478
						FOR ALPHA = -1.50 DEG								
0.	.2611	.2581	.2613	.2635	.2697	.2688	.2704	.2714	.2717	.2714	.2693	.2690	.2682	.2689
10.				.2363	.2385	.2432	.2427	.2406	.2382	.2377	.2359	.2351	.2340	.2345
20.		.2119	.2068	.1990	.1913	.1896	.1896	.1897	.1892	.1891	.1861	.1862	.1860	.1873
35.				.1578	.1550	.1549	.1622	.1608	.1609	.1586	.1565	.1621	.1605	.1616
50.	.1583	.1565	.1497	.1452	.1447	.1503	.1567	.1521	.1514	.1523	.1542	.1552	.1551	.1565
70.				.1413	.1444	.1477	.1497	.1478	.1488	.1501	.1519	.1531	.1519	.1505
90.	.1485	.1472	.1433	.1413	.1450	.1472	.1500	.1513	.1538	.1523	.1517	.1526	.1504	.1500
110.				.1527	.1562	.1579	.1596	.1603	.1604	.1562	.1596	.1590	.1602	.1625
130.				.1832	.1852	.1831	.1857	.1833	.1845	.1830	.1836	.1843	.1848	.1866
145.	.2129	.2028	.2043	.2091	.2112	.2098	.2105	.2117	.2117	.2081	.2093	.2102	.2093	.2078
160.				.2339	.2212	.2218	.2221	.2218	.2219	.2205	.2191	.2200	.2189	.2190
180.	.2077	.2216	.2246	.2242	.2254	.2250	.2240	.2249	.2249	.2247	.2250	.2230	.2233	.2221
						FOR ALPHA = -.49 DEG								
0.	.2392	.2369	.2397	.2401	.2470	.2468	.2490	.2502	.2506	.2501	.2486	.2480	.2469	.2471
10.				.2171	.2195	.2241	.2243	.2223	.2206	.2197	.2188	.2175	.2160	.2165
20.		.1973	.1921	.1849	.1767	.1773	.1784	.1784	.1786	.1779	.1752	.1755	.1740	.1757
35.				.1499	.1460	.1491	.1528	.1532	.1527	.1522	.1497	.1542	.1532	.1546
50.	.1484	.1492	.1441	.1387	.1381	.1428	.1492	.1462	.1466	.1467	.1471	.1490	.1478	.1491
70.				.1354	.1382	.1392	.1377	.1446	.1473	.1464	.1467	.1472	.1452	.1444
90.	.1442	.1428	.1419	.1383	.1427	.1405	.1463	.1459	.1480	.1466	.1466	.1487	.1460	.1449
110.				.1518	.1545	.1558	.1584	.1562	.1577	.1579	.1557	.1557	.1588	.1612
130.				.1897	.1895	.1883	.1904	.1874	.1882	.1878	.1889	.1888	.1883	.1905
145.	.2294	.2169	.2203	.2222	.2256	.2248	.2244	.2244	.2243	.2216	.2226	.2235	.2220	.2213
160.				.2519	.2406	.2412	.2406	.2410	.2409	.2403	.2386	.2397	.2375	.2376
180.	.2283	.2437	.2471	.2431	.2467	.2460	.2449	.2458	.2463	.2469	.2466	.2441	.2441	.2429
						FOR ALPHA = .51 DEG								
0.	.2190	.2170	.2195	.2193	.2266	.2272	.2299	.2309	.2303	.2303	.2293	.2288	.2279	.2274
10.				.1996	.2026	.2062	.2073	.2055	.2034	.2031	.2023	.2014	.2003	.2003
20.		.1833	.1776	.1727	.1680	.1669	.1680	.1677	.1679	.1670	.1652	.1655	.1645	.1661
35.				.1419	.1389	.1436	.1451	.1463	.1460	.1454	.1440	.1463	.1463	.1487
50.	.1415	.1399	.1385	.1340	.1321	.1344	.1415	.1415	.1408	.1421	.1417	.1421	.1420	.1432
70.				.1302	.1318	.1324	.1325	.1355	.1398	.1421	.1427	.1424	.1413	.1402
90.	.1393	.1402	.1404	.1362	.1381	.1350	.1390	.1439	.1446	.1417	.1429	.1442	.1423	.1412
110.				.1513	.1537	.1551	.1548	.1549	.1548	.1551	.1546	.1525	.1576	.1605
130.				.1944	.1963	.1934	.1935	.1918	.1933	.1924	.1927	.1927	.1932	.1957
145.	.2453	.2316	.2371	.2370	.2423	.2399	.2379	.2381	.2378	.2357	.2359	.2368	.2363	.2354
160.				.2713	.2615	.2613	.2605	.2603	.2598	.2600	.2584	.2596	.2584	.2578
180.	.2486	.2673	.2710	.2662	.2691	.2678	.2671	.2676	.2674	.2688	.2689	.2664	.2675	.2654
						FOR ALPHA = 1.51 DEG								
0.	.1988	.1982	.2011	.2018	.2083	.2089	.2110	.2122	.2123	.2119	.2112	.2097	.2073	.2067
10.				.1830	.1864	.1902	.1906	.1886	.1871	.1868	.1865	.1853	.1827	.1825
20.		.1699	.1640	.1621	.1559	.1546	.1579	.1571	.1568	.1571	.1550	.1546	.1530	.1538
35.				.1338	.1322	.1360	.1403	.1383	.1377	.1381	.1366	.1388	.1374	.1399
50.	.1356	.1337	.1314	.1266	.1263	.1310	.1345	.1302	.1334	.1389	.1364	.1367	.1350	.1369
70.				.1247	.1275	.1305	.1328	.1330	.1334	.1345	.1366	.1376	.1349	.1332
90.	.1343	.1386	.1362	.1324	.1322	.1303	.1392	.1391	.1385	.1361	.1378	.1392	.1359	.1362
110.				.1480	.1534	.1516	.1536	.1497	.1531	.1509	.1522	.1531	.1537	.1544
130.				.1985	.2024	.1969	.1989	.1959	.1977	.1959	.1971	.1980	.1967	.1989
145.	.2614	.2465	.2532	.2538	.2569	.2556	.2525	.2528	.2522	.2491	.2496	.2507	.2494	.2482
160.				.2930	.2831	.2824	.2813	.2810	.2801	.2804	.2781	.2793	.2776	.2774
180.	.2701	.2907	.2954	.2904	.2931	.2921	.2909	.2905	.2898	.2913	.2909	.2876	.2891	.2870
						FOR ALPHA = 2.49 DEG								
0.	.1797	.1814	.1845	.1853	.1906	.1908	.1931	.1947	.1946	.1942	.1917	.1909	.1896	.1890
10.				.1700	.1703	.1741	.1742	.1731	.1721	.1716	.1701	.1688	.1679	.1677
20.		.1574	.1514	.1505	.1448	.1462	.1465	.1477	.1468	.1467	.1445	.1437	.1429	.1440
35.				.1269	.1262	.1301	.1331	.1333	.1312	.1300	.1301	.1314	.1312	.1336
50.	.1296	.1288	.1236	.1203	.1208	.1244	.1262	.1274	.1286	.1302	.1296	.1301	.1300	.1317
70.				.1206	.1237	.1269	.1275	.1265	.1273	.1282	.1312	.1328	.1309	.1295
90.	.1300	.1358	.1308	.1279	.1263	.1278	.1358	.1328	.1317	.1312	.1312	.1329	.1327	.1324
110.				.1451	.1497	.1506	.1489	.1484	.1503	.1502	.1485	.1488	.1504	.1516
130.				.2043	.2057	.2022	.2039	.2002	.2032	.1996	.2014	.2022	.2020	.2040
145.	.2785	.2617	.2694	.2698	.2724	.2707	.2679	.2674	.2664	.2623	.2623	.2637	.2631	.2620
160.				.3159	.3048	.3048	.3034	.3026	.3011	.2994	.2976	.2994	.2985	.2982
180.	.2929	.3153	.3205	.3151	.3178	.3168	.3151	.3146	.3131	.3127	.3133	.3113	.3134	.3113

TABLE VI. - CONTINUED

(M) MACH = 4.50, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.50 DEG								
0.	.3629	.3632	.3634	.3644	.3648	.3643		.3610	.3633	.3631	.3641	.3657		0.
10.	.3122	.3156	.3198	.3190	.3178	.3148		.3122	.3111	.3137	.3139	.3132	.3194	10.
20.	.2349	.2388	.2387	.2369	.2401	.2436		.2418	.2429	.2447	.2455	.2465	.2592	20.
35.	.1968	.2006	.2019	.1962	.1946	.1949		.1935	.1951	.1942	.1939	.1965	.2001	35.
50.	.1838	.1856	.1835	.1795	.1797	.1790		.1797	.1785	.1757	.1750	.1790	.1823	50.
70.	.1742	.1750	.1736	.1687	.1714	.1702		.1734	.1717	.1699	.1686	.1655	.1695	70.
90.	.1708	.1711	.1686	.1665	.1706	.1699		.1688	.1669	.1649	.1599	.1608	.1637	90.
110.	.1690	.1684	.1668	.1653	.1674	.1645	.1636	.1628	.1628	.1639	.1617	.1624	.1598	110.
130.	.1638	.1638	.1634	.1638	.1654		.1608	.1613	.1617	.1620	.1625	.1640	.1643	130.
145.	.1583	.1572	.1591	.1593	.1599		.1572	.1577		.1587	.1591	.1620	.1636	145.
160.	.1519	.1516	.1527	.1526	.1525		.1541	.1524	.1506	.1514	.1506	.1534	.1586	160.
180.	.1494	.1471	.1479	.1459	.1467		.1458	.1441	.1453	.1462	.1463	.1482	.1490	180.
						FOR ALPHA = -1.50 DEG								
0.	.2714	.2716	.2708	.2676	.2690	.2684		.2666	.2678	.2697	.2714	.2737		0.
10.	.2370	.2398	.2429	.2411	.2397	.2365		.2345	.2340	.2375	.2381	.2384	.2440	10.
20.	.1880	.1920	.1919	.1901	.1933	.1957		.1936	.1941	.1954	.1959.	.1966	.2073	20.
35.	.1654	.1681	.1691	.1645	.1636	.1642		.1626	.1635	.1626	.1621	.1649	.1686	35.
50.	.1567	.1584	.1560	.1526	.1525	.1517		.1531	.1526	.1501	.1491	.1528	.1551	50.
70.	.1515	.1519	.1503	.1464	.1483	.1473		.1504	.1496	.1482	.1470	.1452	.1483	70.
90.	.1522	.1527	.1502	.1488	.1520	.1529		.1523	.1511	.1494	.1456	.1465	.1493	90.
110.	.1641	.1638	.1621	.1610	.1635	.1612	.1611	.1603	.1598	.1611	.1591	.1599	.1570	110.
130.	.1866	.1864	.1861	.1866	.1892		.1861	.1873	.1874	.1876	.1882	.1897	.1897	130.
145.	.2093	.2075	.2101	.2104	.2100		.2074	.2079		.2091	.2101	.2144	.2157	145.
160.	.2201	.2198	.2203	.2194	.2196		.2040	.2215	.2222	.2221	.2217	.2255	.2311	160.
180.	.2251	.2230	.2239	.2210	.2218		.2197	.2169	.2184	.2189	.2190	.2214	.2214	180.
						FOR ALPHA = -.49 DEG								
0.	.2489	.2494	.2487	.2452	.2472	.2471		.2452	.2457	.2488	.2504	.2520		0.
10.	.2183	.2215	.2240	.2226	.2208	.2184		.2168	.2162	.2197	.2206	.2214	.2263	10.
20.	.1771	.1803	.1800	.1787	.1812	.1838		.1822	.1823	.1835	.1835	.1845	.1948	20.
35.	.1578	.1613	.1618	.1570	.1555	.1563		.1546	.1553	.1546	.1538	.1571	.1607	35.
50.	.1491	.1518	.1499	.1463	.1463	.1455		.1465	.1455	.1434	.1423	.1457	.1482	50.
70.	.1454	.1465	.1449	.1412	.1428	.1418		.1452	.1443	.1429	.1414	.1397	.1427	70.
90.	.1478	.1478	.1456	.1440	.1475	.1488		.1476	.1460	.1447	.1408	.1419	.1446	90.
110.	.1628	.1627	.1605	.1587	.1603	.1584	.1585	.1579	.1577	.1589	.1562	.1573	.1547	110.
130.	.1912	.1913	.1909	.1914	.1941		.1907	.1928	.1929	.1934	.1933	.1954	.1953	130.
145.	.2228	.2222	.2230	.2234	.2238		.2221	.2223		.2240	.2254	.2300	.2313	145.
160.	.2389	.2386	.2389	.2387	.2394		.2212	.2419	.2420	.2407	.2390	.2434	.2486	160.
180.	.2462	.2434	.2445	.2422	.2432		.2410	.2378	.2398	.2404	.2400	.2425	.2418	180.
						FOR ALPHA = .51 DEG								
0.	.2290	.2293	.2291	.2248	.2272	.2273		.2253	.2257	.2292	.2309	.2307		0.
10.	.2015	.2038	.2063	.2055	.2040	.2019		.2002	.2000	.2029	.2045	.2040	.2083	10.
20.	.1671	.1692	.1691	.1671	.1696	.1723		.1714	.1714	.1727	.1725	.1728	.1827	20.
35.	.1523	.1542	.1543	.1493	.1479	.1486		.1465	.1474	.1465	.1464	.1487	.1525	35.
50.	.1440	.1460	.1442	.1406	.1404	.1395		.1401	.1394	.1369	.1362	.1389	.1414	50.
70.	.1410	.1414	.1399	.1364	.1380	.1375		.1403	.1394	.1375	.1364	.1337	.1367	70.
90.	.1440	.1440	.1416	.1395	.1426	.1436		.1427	.1416	.1401	.1364	.1367	.1394	90.
110.	.1613	.1598	.1566	.1551	.1568	.1555	.1557	.1553	.1552	.1562	.1539	.1541	.1517	110.
130.	.1961	.1964	.1951	.1958	.1983		.1951	.1969	.1978	.1986	.1989	.2005	.2002	130.
145.	.2368	.2357	.2368	.2364	.2370		.2358	.2378		.2400	.2414	.2447	.2456	145.
160.	.2585	.2585	.2587	.2595	.2605		.2397	.2627	.2613	.2597	.2577	.2615	.2675	160.
180.	.2681	.2650	.2663	.2638	.2650		.2631	.2602	.2619	.2624	.2617	.2640	.2637	180.
						FOR ALPHA = 1.51 DEG								
0.	.2089	.2109	.2101	.2049	.2084	.2085		.2067	.2066	.2108	.2118	.2112		0.
10.	.1835	.1862	.1891	.1886	.1884	.1860		.1921	.1845	.1883	.1890	.1882	.1924	10.
20.	.1550	.1586	.1580	.1564	.1580	.1600		.1608	.1607	.1624	.1626	.1633	.1723	20.
35.	.1443	.1470	.1474	.1421	.1407	.1410		.1390	.1395	.1390	.1385	.1415	.1454	35.
50.	.1374	.1401	.1382	.1344	.1342	.1334		.1342	.1333	.1311	.1302	.1332	.1354	50.
70.	.1346	.1361	.1350	.1313	.1332	.1324		.1351	.1336	.1322	.1308	.1285	.1312	70.
90.	.1397	.1395	.1368	.1346	.1377	.1382		.1380	.1367	.1352	.1318	.1325	.1350	90.
110.	.1561	.1553	.1528	.1511	.1535	.1524	.1534	.1528	.1525	.1537	.1511	.1518	.1492	110.
130.	.2006	.2005	.1996	.2002	.2027		.1993	.2019	.2027	.2036	.2043	.2058	.2060	130.
145.	.2507	.2496	.2511	.2511	.2516		.2505	.2529		.2545	.2552	.2581	.2589	145.
160.	.2790	.2790	.2802	.2814	.2821		.2543	.2831	.2817	.2796	.2778	.2817	.2886	160.
180.	.2908	.2879	.2887	.2863	.2880		.2867	.2829	.2851	.2855	.2843	.2877	.2866	180.
						FOR ALPHA = 2.49 DEG								
0.	.1915	.1933	.1932	.1866	.1913	.1908		.1898	.1885	.1933	.1934	.1931		0.
10.	.1683	.1710	.1735	.1735	.1729	.1710		.1739	.1702	.1735	.1741	.1731	.1767	10.
20.	.1451	.1477	.1480	.1468	.1492	.1502		.1498	.1502	.1521	.1519	.1527	.1606	20.
35.	.1371	.1391	.1396	.1352	.1337	.1347		.1323	.1328	.1320	.1317	.1345	.1381	35.
50.	.1327	.1341	.1322	.1291	.1289	.1281		.1282	.1276	.1256	.1244	.1274	.1294	50.
70.	.1306	.1313	.1299	.1268	.1281	.1276		.1294	.1286	.1268	.1255	.1232	.1257	70.
90.	.1352	.1345	.1318	.1303	.1329	.1331		.1329	.1320	.1307	.1274	.1280	.1299	90.
110.	.1526	.1517	.1494	.1483	.1504	.1492	.1501	.1498	.1497	.1506	.1482	.1486	.1464	110.
130.	.2041	.2045	.2037	.2054	.2077		.2040	.2065	.2075	.2089	.2096	.2117	.2112	130.
145.	.2640	.2633	.2650	.2649	.2656		.2655	.2681		.2698	.2703	.2729	.2738	145.
160.	.2995	.2999	.3011	.3035	.3036		.2931	.3032	.3019	.2998	.2987	.3029	.3093	160.
180.	.3143	.3109	.3119	.3097	.3115		.3106	.3062	.3089	.3094	.3086	.3117	.3099	180.

TABLE VI. - CONTINUED

(M) MACH = 4.50, BETA = .00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 4.50 DEG								
0.	.1452	.1510	.1537	.1560	.1573	.1582	.1602	.1617	.1611	.1603	.1568	.1571	.1566	.1566
10.				.1414	.1401	.1443	.1449	.1434	.1423	.1414	.1395	.1388	.1392	.1392
20.		.1336	.1277	.1302	.1248	.1261	.1272	.1271	.1265	.1255	.1230	.1225	.1229	.1240
35.				.1144	.1131	.1160	.1186	.1177	.1184	.1184	.1157	.1184	.1190	.1194
50.	.1160	.1164	.1116	.1098	.1097	.1128	.1138	.1125	.1172	.1193	.1185	.1190	.1189	.1203
70.				.1104	.1117	.1155	.1181	.1168	.1166	.1167	.1178	.1206	.1206	.1198
90.	.1219	.1259	.1222	.1167	.1196	.1223	.1193	.1230	.1239	.1196	.1205	.1233	.1221	.1213
110.				.1441	.1463	.1470	.1446	.1435	.1438	.1412	.1411	.1416	.1442	.1449
130.				.2163	.2151	.2109	.2126	.2091	.2126	.2097	.2104	.2113	.2117	.2128
145.	.3138	.2944	.3034	.3059	.3032	.3024	.2988	.2985	.2964	.2906	.2914	.2925	.2917	.2901
160.				.3639	.3503	.3507	.3494	.3485	.3470	.3428	.3413	.3433	.3419	.3426
180.	.3408	.3681	.3736	.3681	.3702	.3691	.3673	.3658	.3632	.3619	.3626	.3604	.3614	.3606
						FOR ALPHA = 9.49 DEG								
0.	.0796	.0968	.0973	.0977	.0983	.0963	.0976	.0982	.0995	.0997	.0950	.0954	.0955	.0958
10.				.0819	.0815	.0829	.0841	.0824	.0822	.0824	.0809	.0809	.0812	.0820
20.		.0819	.0805	.0798	.0815	.0804	.0816	.0792	.0779	.0795	.0795	.0806	.0812	.0825
35.				.0802	.0807	.0831	.0854	.0842	.0842	.0835	.0826	.0851	.0858	.0868
50.	.0768	.0853	.0819	.0798	.0799	.0845	.0891	.0871	.0883	.0913	.0889	.0881	.0880	.0894
70.				.0817	.0837	.0898	.0901	.0907	.0895	.0902	.0913	.0924	.0919	.0918
90.	.0980	.0986	.0985	.0934	.0913	.0942	.0954	.0945	.0934	.0901	.0921	.0925	.0913	.0918
110.				.1308	.1310	.1280	.1309	.1293	.1305	.1256	.1229	.1247	.1256	.1287
130.				.2442	.2376	.2351	.2343	.2326	.2376	.2300	.2356	.2327	.2328	.2353
145.	.4089	.3765	.3901	.4006	.3906	.3891	.3824	.3799	.3809	.3687	.3719	.3702	.3701	.3668
160.				.4889	.4763	.4784	.4756	.4730	.4706	.4666	.4611	.4640	.4604	.4612
180.	.4730	.5099	.5153	.5118	.5147	.5114	.5079	.5075	.5040	.5023	.4995	.4948	.4961	.4948
						FOR ALPHA = 14.51 DEG								
0.	.0465	.0658	.0638	.0622	.0612	.0614	.0633	.0640	.0652	.0647	.0594	.0600	.0603	.0603
10.				.0435	.0435	.0412	.0431	.0429	.0442	.0445	.0414	.0406	.0410	.0411
20.		.0475	.0461	.0438	.0496	.0469	.0478	.0460	.0458	.0461	.0436	.0421	.0420	.0438
35.				.0476	.0507	.0556	.0587	.0555	.0557	.0550	.0542	.0539	.0539	.0543
50.	.0494	.0537	.0509	.0506	.0545	.0601	.0591	.0593	.0600	.0634	.0620	.0614	.0615	.0631
70.				.0526	.0608	.0599	.0628	.0597	.0607	.0596	.0602	.0623	.0654	.0657
90.	.0758	.0762	.0695	.0660	.0706	.0713	.0670	.0674	.0657	.0604	.0617	.0621	.0606	.0605
110.				.1259	.1200	.1189	.1130	.1109	.1141	.1152	.1143	.1129	.1152	.1165
130.				.2713	.2670	.2625	.2590	.2568	.2655	.2561	.2582	.2590	.2601	.2604
145.	.5145	.4617	.4852	.4934	.4788	.4792	.4715	.4720	.4704	.4584	.4544	.4567	.4558	.4510
160.				.6200	.6140	.6166	.6165	.6145	.6103	.6054	.5934	.6011	.5939	.5940
180.	.6215	.6625	.6572	.6659	.6718	.6703	.6691	.6697	.6639	.6606	.6573	.6543	.6520	.6468
						FOR ALPHA = 19.51 DEG								
0.	.0264	.0490	.0482	.0453	.0443	.0464	.0476	.0486	.0504	.0502	.0440	.0446	.0443	.0446
10.				.0217	.0217	.0192	.0197	.0186	.0182	.0182	.0154	.0150	.0155	.0168
20.		.0249	.0224	.0185	.0239	.0174	.0201	.0169	.0157	.0159	.0125	.0116	.0114	.0130
35.				.0221	.0267	.0283	.0294	.0308	.0298	.0282	.0275	.0286	.0272	.0279
50.	.0245	.0273	.0270	.0283	.0335	.0324	.0366	.0337	.0370	.0413	.0378	.0367	.0380	.0381
70.				.0367	.0407	.0434	.0402	.0387	.0409	.0385	.0386	.0374	.0396	.0395
90.	.0665	.0643	.0554	.0527	.0571	.0487	.0546	.0493	.0492	.0466	.0438	.0424	.0439	.0429
110.				.1111	.1139	.1104	.1121	.1103	.1120	.1072	.1069	.1069	.1090	.1128
130.				.3026	.2932	.2905	.2875	.2830	.2919	.2849	.2862	.2893	.2891	.2917
145.	.6339	.5540	.5760	.5902	.5749	.5733	.5638	.5651	.5602	.5502	.5468	.5528	.5509	.5424
160.				.7699	.7608	.7624	.7602	.7599	.7596	.7591	.7460	.7555	.7434	.7421
180.	.7850	.8326	.8265	.8356	.8400	.8371	.8352	.8376	.8372	.8388	.8363	.8300	.8256	.8180

TABLE VI. - CONTINUED

(M) MACH = 4.50, BETA = .00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 4.50 DEG								
0.	.1586	.1610	.1609	.1514	.1586	.1587		.1573	.1531	.1593	.1594	.1589		0.
10.	.1395	.1417	.1440	.1433	.1439	.1425		.1481	.1422	.1450	.1446	.1436	.1466	10.
20.	.1246	.1269	.1282	.1272	.1290	.1304		.1290	.1292	.1308	.1304	.1308	.1378	20.
35.	.1221	.1237	.1244	.1201	.1194	.1201		.1177	.1178	.1174	.1170	.1199	.1235	35.
50.	.1205	.1213	.1196	.1163	.1158	.1150		.1158	.1153	.1135	.1125	.1153	.1169	50.
70.	.1206	.1205	.1194	.1158	.1175	.1160		.1180	.1166	.1155	.1141	.1126	.1148	70.
90.	.1229	.1224	.1202	.1188	.1214	.1232		.1224	.1214	.1201	.1171	.1178	.1196	90.
110.	.1450	.1444	.1421	.1409	.1429	.1415	.1423	.1420	.1416	.1428	.1403	.1412	.1388	110.
130.	.2127	.2128	.2123	.2133	.2166		.2151	.2189	.2193	.2203	.2205	.2217	.2205	130.
145.	.2912	.2902	.2942	.2959	.2968		.2933	.2950		.2964	.2978	.3009	.3022	145.
160.	.3435	.3451	.3469	.3481	.3471		.3118	.3461	.3448	.3432	.3419	.3462	.3538	160.
180.	.3639	.3603	.3617	.3594	.3612		.3598	.3564	.3591	.3596	.3583	.3617	.3604	180.
						FOR ALPHA = 9.49 DEG								
0.	.0984	.1042	.1045	.0853	.0992	.0989		.0959	.0846	.0966	.0969	.0963		0.
10.	.0844	.0859	.0880	.0865	.0872	.0860		.0846	.0821	.0843	.0841	.0836	.0855	10.
20.	.0843	.0847	.0847	.0830	.0841	.0847		.0826	.0817	.0829	.0826	.0827	.0875	20.
35.	.0895	.0893	.0895	.0856	.0851	.0870		.0842	.0842	.0836	.0833	.0854	.0882	35.
50.	.0905	.0898	.0891	.0865	.0870	.0869		.0875	.0870	.0860	.0851	.0869	.0890	50.
70.	.0934	.0929	.0921	.0895	.0908	.0898		.0909	.0902	.0895	.0888	.0879	.0903	70.
90.	.0931	.0926	.0910	.0894	.0922	.0941		.0934	.0925	.0922	.0902	.0904	.0918	90.
110.	.1281	.1268	.1263	.1258	.1268	.1250	.1248	.1244	.1237	.1240	.1207	.1208	.1182	110.
130.	.2333	.2364	.2366	.2369	.2396		.2353	.2396	.2396	.2414	.2409	.2433	.2423	130.
145.	.3686	.3657	.3722	.3732	.3720		.3678	.3693		.3705	.3733	.3774	.3786	145.
160.	.4621	.4627	.4651	.4684	.4668		.4172	.4657	.4647	.4626	.4614	.4659	.4740	160.
180.	.4991	.4947	.4978	.4958	.4981		.4961	.4929	.4961	.4966	.4946	.4996	.4980	180.
						FOR ALPHA = 14.51 DEG								
0.	.0612	.0706	.0707	.0427	.0611	.0625		.0587	.0440	.0596	.0599	.0592		0.
10.	.0424	.0440	.0458	.0432	.0463	.0460		.0449	.0419	.0447	.0447	.0440	.0464	10.
20.	.0450	.0455	.0458	.0441	.0459	.0464		.0449	.0439	.0455	.0453	.0445	.0483	20.
35.	.0561	.0557	.0561	.0535	.0543	.0565		.0529	.0523	.0517	.0517	.0530	.0551	35.
50.	.0641	.0630	.0629	.0598	.0608	.0609		.0608	.0603	.0599	.0597	.0609	.0627	50.
70.	.0684	.0667	.0668	.0653	.0670	.0661		.0666	.0660	.0656	.0653	.0643	.0661	70.
90.	.0634	.0598	.0591	.0576	.0595	.0612		.0595	.0592	.0594	.0577	.0572	.0583	90.
110.	.1168	.1162	.1135	.1121	.1129	.1116	.1124	.1116	.1109	.1110	.1069	.1077	.1051	110.
130.	.2597	.2610	.2609	.2613	.2633		.2600	.2659	.2654	.2671	.2663	.2687	.2680	130.
145.	.4496	.4460	.4524	.4539	.4526		.4494	.4513		.4507	.4545	.4590	.4606	145.
160.	.5915	.5910	.5933	.5993	.5987		.5754	.5981	.5951	.5938	.5931	.5967	.6063	160.
180.	.6524	.6433	.6482	.6480	.6502		.6479	.6442	.6501	.6513	.6502	.6549	.6515	180.
						FOR ALPHA = 19.51 DEG								
0.	.0454	.0547	.0547	.0227	.0439	.0469		.0408	.0231	.0414	.0414	.0406		0.
10.	.0188	.0198	.0210	.0186	.0223	.0228		.0228	.0175	.0200	.0201	.0200	.0226	10.
20.	.0147	.0149	.0149	.0142	.0166	.0172		.0154	.0149	.0167	.0166	.0164	.0187	20.
35.	.0290	.0283	.0283	.0264	.0279	.0315		.0278	.0271	.0267	.0266	.0272	.0287	35.
50.	.0398	.0394	.0394	.0369	.0387	.0400		.0401	.0398	.0396	.0391	.0399	.0412	50.
70.	.0421	.0416	.0426	.0411	.0437	.0432		.0440	.0433	.0427	.0421	.0413	.0421	70.
90.	.0469	.0424	.0404	.0393	.0413	.0434		.0401	.0389	.0385	.0380	.0359	.0362	90.
110.	.1117	.1101	.1079	.1063	.1066	.1047	.1044	.1032	.1022	.1026	.0991	.0999	.0977	110.
130.	.2908	.2900	.2890	.2887	.2913		.2879	.2948	.2946	.2973	.2971	.2992	.2974	130.
145.	.5391	.5312	.5374	.5369	.5354		.5319	.5381		.5373	.5429	.5466	.5503	145.
160.	.7368	.7348	.7342	.7332	.7324		.7244	.7361	.7372	.7351	.7360	.7413	.7527	160.
180.	.8232	.8102	.8111	.8026	.8064		.8091	.8052	.8163	.8192	.8193	.8262	.8211	180.

TABLE VI. - CONTINUED

(N) MACH = 4.50, BETA = 1.00 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	T .5000
						FOR ALPHA = -1.50 DEG								
0.	.2614	.2582	.2618	.2627	.2683	.2668	.2692	.2707	.2708	.2706	.2694	.2687	.2678	.2680
10.				.2263	.2281	.2330	.2318	.2301	.2283	.2269	.2252	.2248	.2229	.2230
20.		.1987	.1910	.1846	.1781	.1747	.1736	.1732	.1727	.1738	.1715	.1719	.1706	.1724
35.				.1415	.1385	.1411	.1459	.1456	.1441	.1448	.1411	.1455	.1459	.1481
50.	.1461	.1416	.1349	.1300	.1302	.1355	.1401	.1373	.1374	.1366	.1372	.1397	.1387	.1410
70.				.1268	.1294	.1334	.1344	.1322	.1339	.1350	.1374	.1386	.1364	.1353
90.	.1338	.1319	.1281	.1261	.1299	.1313	.1340	.1373	.1379	.1368	.1363	.1377	.1352	.1348
110.				.1363	.1401	.1408	.1428	.1448	.1446	.1428	.1427	.1430	.1444	.1472
130.				.1665	.1672	.1663	.1687	.1667	.1671	.1667	.1675	.1683	.1670	.1690
145.	.2016	.1901	.1929	.1966	.1965	.1975	.1970	.1972	.1977	.1950	.1957	.1968	.1954	.1943
160.				.2273	.2130	.2139	.2137	.2138	.2138	.2125	.2113	.2127	.2110	.2105
180.	.2081	.2216	.2248	.2241	.2255	.2250	.2240	.2245	.2248	.2252	.2248	.2227	.2229	.2217
200.				.2412	.2298	.2310	.2307	.2307	.2308	.2306	.2292	.2292	.2278	.2272
215.	.2268	.2174	.2178	.2223	.2279	.2256	.2234	.2249	.2258	.2221	.2242	.2267	.2243	.2221
230.				.2016	.2042	.2035	.2043	.2022	.2033	.2035	.2031	.2028	.2027	.2037
250.				.1709	.1745	.1773	.1785	.1793	.1800	.1778	.1749	.1779	.1790	.1802
270.	.1664	.1644	.1602	.1584	.1630	.1669	.1689	.1696	.1719	.1723	.1694	.1697	.1672	.1661
290.				.1575	.1614	.1638	.1663	.1675	.1696	.1698	.1688	.1696	.1674	.1662
310.	.1738	.1730	.1667	.1617	.1607	.1678	.1737	.1702	.1698	.1713	.1708	.1724	.1712	.1721
325.				.1750	.1711	.1742	.1775	.1799	.1787	.1760	.1745	.1779	.1790	.1794
340.		.2263	.2196	.2138	.2088	.2069	.2067	.2070	.2071	.2066	.2040	.2044	.2028	.2038
350.				.2468	.2488	.2530	.2533	.2508	.2494	.2490	.2481	.2472	.2458	.2450
						FOR ALPHA = -.50 DEG								
0.	.2398	.2373	.2404	.2395	.2459	.2454	.2481	.2500	.2501	.2498	.2484	.2486	.2478	.2481
10.				.2082	.2101	.2148	.2137	.2124	.2109	.2098	.2083	.2083	.2079	.2083
20.		.1851	.1791	.1727	.1666	.1627	.1629	.1636	.1622	.1626	.1615	.1633	.1622	.1639
35.				.1354	.1328	.1333	.1390	.1392	.1383	.1367	.1360	.1379	.1392	.1417
50.	.1360	.1355	.1294	.1244	.1245	.1299	.1331	.1314	.1317	.1327	.1318	.1337	.1350	.1368
70.				.1214	.1245	.1273	.1282	.1276	.1295	.1315	.1335	.1342	.1326	.1315
90.	.1301	.1282	.1262	.1235	.1288	.1279	.1255	.1328	.1338	.1319	.1323	.1344	.1328	.1318
110.				.1357	.1381	.1413	.1420	.1418	.1427	.1404	.1393	.1431	.1449	.1471
130.				.1719	.1720	.1716	.1721	.1700	.1719	.1703	.1718	.1730	.1728	.1750
145.	.2176	.2032	.2084	.2094	.2111	.2115	.2096	.2101	.2103	.2073	.2091	.2107	.2099	.2087
160.				.2455	.2318	.2330	.2321	.2322	.2323	.2312	.2311	.2324	.2308	.2306
180.	.2282	.2436	.2471	.2434	.2465	.2454	.2443	.2450	.2457	.2455	.2462	.2444	.2448	.2430
200.				.2588	.2493	.2490	.2489	.2495	.2499	.2492	.2472	.2480	.2465	.2462
215.	.2426	.2317	.2334	.2374	.2409	.2378	.2396	.2410	.2406	.2370	.2378	.2395	.2377	.2359
230.				.2084	.2105	.2078	.2098	.2070	.2088	.2071	.2072	.2077	.2079	.2102
250.				.1697	.1731	.1747	.1774	.1740	.1780	.1750	.1745	.1725	.1752	.1795
270.	.1618	.1601	.1598	.1556	.1593	.1599	.1628	.1629	.1648	.1634	.1636	.1653	.1633	.1620
290.				.1514	.1537	.1521	.1530	.1608	.1639	.1627	.1631	.1634	.1622	.1610
310.	.1648	.1640	.1607	.1555	.1529	.1591	.1671	.1632	.1629	.1648	.1629	.1635	.1632	.1653
325.				.1661	.1617	.1678	.1697	.1691	.1711	.1697	.1670	.1703	.1702	.1716
340.		.2118	.2036	.1998	.1952	.1906	.1955	.1947	.1956	.1948	.1916	.1917	.1912	.1922
350.				.2270	.2297	.2338	.2345	.2328	.2313	.2308	.2297	.2287	.2282	.2276
						FOR ALPHA = .49 DEG								
0.	.2192	.2172	.2204	.2190	.2264	.2255	.2286	.2305	.2302	.2300	.2278	.2280	.2272	.2267
10.				.1909	.1934	.1975	.1970	.1950	.1935	.1931	.1908	.1913	.1897	.1896
20.		.1714	.1664	.1600	.1523	.1522	.1531	.1532	.1528	.1519	.1490	.1520	.1510	.1522
35.				.1278	.1248	.1278	.1311	.1327	.1326	.1306	.1266	.1308	.1297	.1319
50.	.1279	.1272	.1235	.1195	.1184	.1226	.1260	.1259	.1282	.1276	.1250	.1264	.1269	.1290
70.				.1161	.1175	.1186	.1195	.1191	.1240	.1252	.1266	.1277	.1252	.1243
90.	.1251	.1252	.1253	.1214	.1231	.1236	.1229	.1263	.1315	.1273	.1270	.1289	.1265	.1260
110.				.1340	.1382	.1390	.1382	.1398	.1385	.1374	.1351	.1382	.1405	.1419
130.				.1754	.1776	.1743	.1765	.1755	.1767	.1733	.1751	.1766	.1759	.1775
145.	.2332	.2173	.2241	.2228	.2262	.2246	.2227	.2234	.2229	.2186	.2203	.2219	.2203	.2195
160.				.2636	.2518	.2522	.2514	.2518	.2513	.2488	.2487	.2503	.2489	.2492
180.	.2484	.2668	.2705	.2661	.2688	.2672	.2660	.2666	.2664	.2665	.2675	.2655	.2661	.2643
200.				.2795	.2693	.2694	.2692	.2690	.2691	.2676	.2660	.2679	.2667	.2662
215.	.2585	.2469	.2503	.2519	.2538	.2552	.2546	.2547	.2545	.2503	.2512	.2529	.2526	.2514
230.				.2144	.2157	.2133	.2154	.2119	.2130	.2108	.2123	.2124	.2127	.2146
250.				.1697	.1710	.1749	.1734	.1732	.1746	.1710	.1711	.1725	.1730	.1763
270.	.1567	.1570	.1572	.1519	.1539	.1483	.1602	.1609	.1600	.1568	.1582	.1596	.1581	.1577
290.				.1457	.1473	.1477	.1507	.1561	.1583	.1575	.1578	.1576	.1571	.1557
310.	.1580	.1552	.1536	.1501	.1461	.1519	.1557	.1560	.1572	.1578	.1571	.1574	.1572	.1589
325.				.1573	.1545	.1583	.1637	.1621	.1609	.1642	.1591	.1606	.1617	.1637
340.		.1970	.1882	.1859	.1808	.1820	.1830	.1845	.1836	.1840	.1799	.1796	.1801	.1814
350.				.2096	.2117	.2163	.2169	.2158	.2142	.2136	.2119	.2110	.2111	.2106
						FOR ALPHA = 2.50 DEG								
0.	.1793	.1808	.1846	.1854	.1886	.1885	.1916	.1935	.1937	.1938	.1914	.1904	.1899	.1899
10.				.1609	.1613	.1649	.1656	.1632	.1620	.1625	.1613	.1607	.1589	.1585
20.		.1464	.1416	.1395	.1329	.1324	.1340	.1335	.1341	.1338	.1310	.1313	.1308	.1327
35.				.1136	.1130	.1160	.1201	.1182	.1184	.1178	.1180	.1178	.1173	.1188
50.	.1169	.1153	.1105	.1072	.1080	.1118	.1141	.1130	.1147	.1180	.1167	.1163	.1160	.1178
70.				.1068	.1098	.1131	.1149	.1120	.1137	.1154	.1180	.1188	.1165	.1151
90.	.1159	.1208	.1165	.1132	.1124	.1145	.1216	.1178	.1177	.1182	.1181	.1182	.1172	.1172
110.				.1291	.1330	.1356	.1371	.1329	.1349	.1340	.1316	.1315	.1322	.1338
130.				.1852	.1856	.1834	.1868	.1814	.1855	.1835	.1835	.1842	.1819	.1841
145.	.2651	.2464	.2539	.2545	.2549	.2538	.2515	.2522	.2504	.2472	.2470	.2484	.2463	.2458
160.				.3067	.2947	.2937	.2939	.2933	.2924	.2914	.2886	.2910	.2895	.2900
180.	.2929	.3155	.3204	.3155	.3175	.3164	.3146	.3147	.3134	.3136	.3131	.3121	.3135	.3118
200.				.3248	.3146	.3146	.3138	.3132	.3117	.3104	.3075	.3104	.3109	.3108
215.	.2938	.2794	.2860	.2846	.2897	.2885	.2861	.2855	.2840	.2800	.2794	.2816	.2827	.2817
230.				.2245	.2274	.2233	.2246	.2217	.2246	.2206	.2217	.2226	.2247	.2272
250.				.1635	.1677	.1696	.1672	.1704	.1673	.1676	.1661	.1676	.1715	.1727
270.	.1468	.1519	.1463	.1441	.1406	.1460	.1528	.1497	.1481	.1483	.1467	.1487	.1498	.1500
290.				.1356	.1387	.1412	.1446	.1430	.1433	.1444	.1464	.1481	.1483	.1468
310.	.1440	.1436	.1371	.1351	.1353	.1379	.1388	.1416	.1454	.1480	.1464	.1461	.1475	.1495
325.				.1425	.1398	.1444	.1483	.1469	.1465	.1452	.1463	.1487	.1491	.1500
340.		.1690	.1613	.1651	.1566	.1595	.1613	.1615	.1605	.1602	.1583	.1577	.1589	.1595
350.				.1785	.1784	.1823	.1830	.1817	.1809	.1804	.1794	.1780	.1791	.1786

TABLE VI. - CONTINUED

(N) MACH = 4.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -1.50 DEG								
0.	.2705	.2714	.2700	.2676	.2675	.2676		.2659	.2671	.2686	.2704	.2717		0.
10.	.2259	.2292	.2314	.2306	.2287	.2255		.2236	.2233	.2263	.2269	.2266	.2317	10.
20.	.1734	.1771	.1766	.1756	.1773	.1787		.1754	.1759	.1776	.1787	.1795	.1902	20.
35.	.1512	.1543	.1544	.1502	.1485	.1491		.1472	.1479	.1467	.1460	.1478	.1512	35.
50.	.1423	.1447	.1427	.1397	.1394	.1386		.1392	.1381	.1356	.1344	.1368	.1391	50.
70.	.1363	.1374	.1359	.1328	.1348	.1342		.1370	.1356	.1343	.1332	.1307	.1335	70.
90.	.1379	.1380	.1359	.1345	.1378	.1375		.1371	.1357	.1343	.1301	.1308	.1331	90.
110.	.1497	.1497	.1470	.1450	.1466	.1442	.1441	.1437	.1432	.1441	.1414	.1417	.1394	110.
130.	.1702	.1701	.1697	.1698	.1718		.1678	.1691	.1691	.1695	.1696	.1710	.1714	130.
145.	.1960	.1953	.1970	.1971	.1969		.1937	.1951		.1962	.1974	.2000	.2014	145.
160.	.2115	.2113	.2129	.2135	.2144		.1948	.2162	.2133	.2113	.2094	.2123	.2184	160.
180.	.2247	.2224	.2231	.2214	.2224		.2206	.2176	.2191	.2195	.2189	.2214	.2211	180.
200.	.2293	.2289	.2292	.2286	.2289		.2190	.2298	.2302	.2299	.2284	.2326	.2382	200.
215.	.2251	.2222	.2250	.2251	.2246		.2220	.2238		.2255	.2263	.2296	.2310	215.
230.	.2052	.2046	.2043	.2063	.2099		.2064	.2080	.2079	.2085	.2077	.2091	.2088	230.
250.	.1823	.1814	.1793	.1780	.1808	.1796	.1794	.1794	.1792	.1805	.1777	.1781	.1755	250.
270.	.1687	.1689	.1669	.1656	.1693	.1689		.1690	.1677	.1662	.1614	.1623	.1656	270.
290.	.1670	.1680	.1663	.1631	.1650	.1640		.1672	.1659	.1641	.1631	.1604	.1643	290.
310.	.1727	.1753	.1733	.1695	.1693	.1684		.1696	.1687	.1659	.1646	.1680	.1708	310.
325.	.1829	.1857	.1862	.1817	.1798	.1807		.1791	.1799	.1780	.1776	.1801	.1843	325.
340.	.2046	.2084	.2088	.2071	.2081	.2086		.2089	.2097	.2115	.2122	.2127	.2245	340.
350.	.2466	.2498	.2514	.2510	.2482	.2473		.2445	.2458	.2468	.2475	.2482	.2524	350.
						FOR ALPHA = -.50 DEG								
0.	.2496	.2502	.2491	.2453	.2469	.2467		.2447	.2457	.2488	.2503	.2512		0.
10.	.2100	.2117	.2135	.2123	.2114	.2083		.2061	.2062	.2096	.2101	.2101	.2145	10.
20.	.1647	.1670	.1661	.1648	.1671	.1682		.1648	.1653	.1672	.1679	.1691	.1791	20.
35.	.1464	.1488	.1487	.1440	.1423	.1427		.1399	.1407	.1397	.1391	.1415	.1444	35.
50.	.1377	.1390	.1370	.1340	.1341	.1331		.1337	.1325	.1300	.1286	.1317	.1339	50.
70.	.1323	.1325	.1312	.1280	.1300	.1296		.1323	.1312	.1294	.1284	.1263	.1290	70.
90.	.1343	.1343	.1322	.1308	.1339	.1342		.1328	.1316	.1303	.1266	.1275	.1296	90.
110.	.1484	.1475	.1446	.1425	.1440	.1420	.1421	.1414	.1411	.1419	.1396	.1402	.1381	110.
130.	.1751	.1754	.1741	.1743	.1766		.1728	.1744	.1747	.1755	.1757	.1774	.1778	130.
145.	.2086	.2073	.2093	.2099	.2113		.2095	.2106		.2095	.2105	.2136	.2152	145.
160.	.2306	.2311	.2326	.2347	.2359		.2112	.2343	.2315	.2299	.2278	.2315	.2379	160.
180.	.2456	.2435	.2446	.2427	.2438		.2412	.2382	.2401	.2408	.2399	.2425	.2422	180.
200.	.2481	.2478	.2487	.2475	.2481		.2317	.2489	.2497	.2501	.2497	.2536	.2598	200.
215.	.2384	.2360	.2393	.2388	.2382		.2362	.2379		.2398	.2408	.2444	.2459	215.
230.	.2110	.2105	.2098	.2108	.2133		.2098	.2124	.2133	.2138	.2143	.2152	.2149	230.
250.	.1809	.1805	.1782	.1768	.1790	.1771	.1776	.1768	.1768	.1779	.1754	.1762	.1734	250.
270.	.1642	.1647	.1622	.1609	.1641	.1648		.1643	.1633	.1617	.1578	.1581	.1610	270.
290.	.1621	.1633	.1616	.1575	.1591	.1581		.1617	.1605	.1588	.1576	.1552	.1588	290.
310.	.1661	.1687	.1666	.1630	.1627	.1618		.1627	.1620	.1589	.1578	.1608	.1635	310.
325.	.1756	.1784	.1785	.1733	.1717	.1721		.1704	.1711	.1697	.1691	.1721	.1760	325.
340.	.1937	.1971	.1967	.1951	.1963	.1968		.1967	.1982	.1991	.1992	.2003	.2114	340.
350.	.2280	.2312	.2329	.2314	.2308	.2289		.2267	.2277	.2302	.2305	.2315	.2357	350.
						FOR ALPHA = .49 DEG								
0.	.2284	.2297	.2290	.2245	.2267	.2263		.2249	.2253	.2292	.2305	.2307		0.
10.	.1913	.1947	.1964	.1951	.1941	.1914		.1901	.1898	.1928	.1938	.1940	.1978	10.
20.	.1524	.1560	.1553	.1540	.1559	.1570		.1542	.1547	.1563	.1569	.1585	.1680	20.
35.	.1367	.1417	.1426	.1373	.1353	.1350		.1329	.1336	.1328	.1320	.1345	.1379	35.
50.	.1294	.1319	.1304	.1274	.1278	.1268		.1272	.1262	.1241	.1228	.1257	.1280	50.
70.	.1252	.1273	.1257	.1227	.1245	.1238		.1265	.1254	.1241	.1230	.1210	.1235	70.
90.	.1302	.1299	.1272	.1254	.1282	.1287		.1280	.1270	.1257	.1223	.1230	.1252	90.
110.	.1438	.1431	.1408	.1390	.1408	.1391	.1395	.1390	.1389	.1401	.1379	.1384	.1360	110.
130.	.1798	.1798	.1785	.1781	.1806		.1775	.1797	.1800	.1809	.1809	.1823	.1822	130.
145.	.2222	.2206	.2229	.2239	.2249		.2231	.2234		.2222	.2233	.2264	.2278	145.
160.	.2510	.2512	.2535	.2551	.2542		.2291	.2527	.2499	.2478	.2470	.2501	.2569	160.
180.	.2677	.2649	.2663	.2641	.2652		.2629	.2597	.2620	.2625	.2617	.2645	.2640	180.
200.	.2673	.2675	.2680	.2676	.2679		.2481	.2688	.2698	.2690	.2682	.2733	.2795	200.
215.	.2522	.2518	.2536	.2537	.2532		.2513	.2527		.2546	.2558	.2604	.2620	215.
230.	.2153	.2159	.2150	.2156	.2182		.2153	.2176	.2188	.2197	.2199	.2220	.2216	230.
250.	.1801	.1794	.1762	.1744	.1760	.1744	.1748	.1743	.1742	.1755	.1728	.1738	.1712	250.
270.	.1598	.1605	.1580	.1562	.1593	.1599		.1595	.1584	.1570	.1531	.1540	.1566	270.
290.	.1571	.1576	.1558	.1520	.1539	.1529		.1562	.1553	.1538	.1524	.1502	.1533	290.
310.	.1598	.1617	.1601	.1569	.1565	.1553		.1562	.1556	.1527	.1514	.1545	.1572	310.
325.	.1685	.1710	.1713	.1660	.1642	.1645		.1622	.1630	.1619	.1614	.1644	.1683	325.
340.	.1823	.1849	.1849	.1832	.1850	.1854		.1850	.1859	.1877	.1875	.1887	.1990	340.
350.	.2111	.2133	.2154	.2140	.2134	.2119		.2101	.2110	.2138	.2141	.2151	.2190	350.
						FOR ALPHA = 2.50 DEG								
0.	.1914	.1926	.1924	.1852	.1897	.1893		.1888	.1873	.1923	.1928	.1917		0.
10.	.1596	.1628	.1651	.1638	.1630	.1608		.1649	.1600	.1630	.1635	.1623	.1651	10.
20.	.1336	.1363	.1358	.1347	.1364	.1376		.1349	.1350	.1365	.1374	.1374	.1457	20.
35.	.1228	.1266	.1272	.1231	.1215	.1221		.1198	.1203	.1194	.1192	.1209	.1242	35.
50.	.1181	.1202	.1187	.1155	.1155	.1150		.1156	.1148	.1127	.1118	.1137	.1159	50.
70.	.1160	.1175	.1163	.1131	.1144	.1137		.1157	.1145	.1129	.1119	.1099	.1123	70.
90.	.1206	.1201	.1176	.1159	.1184	.1191		.1186	.1174	.1164	.1128	.1136	.1154	90.
110.	.1363	.1359	.1339	.1324	.1343	.1332	.1338	.1338	.1335	.1344	.1314	.1318	.1294	110.
130.	.1863	.1872	.1877	.1882	.1908		.1868	.1892	.1892	.1898	.1890	.1907	.1904	130.
145.	.2488	.2474	.2524	.2532	.2525		.2481	.2490		.2488	.2492	.2528	.2541	145.
160.	.2925	.2932	.2953	.2955	.2940		.2760	.2930	.2909	.2888	.2865	.2900	.2973	160.
180.	.3144	.3106	.3124	.3094	.3112		.3100	.3069	.3088	.3095	.3087	.3114	.3107	180.
200.	.3099	.3094	.3101	.3100	.3107		.2940	.3140	.3133	.3122	.3109	.3152	.3228	200.
215.	.2809	.2803	.2819	.2821	.2819		.2798	.2813		.2854	.2879	.2939	.2960	215.
230.	.2254	.2259	.2247	.2250	.2280		.2251	.2280	.2291	.2307	.2317	.2332	.2329	230.
250.	.1707	.1697	.1674	.1665	.1686	.1673	.1682	.1684	.1684	.1696	.1665	.1674	.1651	250.
270.	.1513	.1515	.1481	.1459	.1491	.1502		.1493	.1481	.1468	.1434	.1438	.1460	270.
290.	.1474	.1462	.1455	.1419	.1439	.1425		.1449	.1436	.1420	.1406	.1381	.1409	290.
310.	.1496	.1487	.1470	.1433	.1430	.1420		.1434	.1425	.1402	.1390	.1421	.1445	310.
325.	.1534	.1536	.1544	.1495	.1481	.1487		.1464	.1468	.1459	.1455	.1480	.1520	325.
340.	.1609	.1617	.1624	.1608	.1628	.1637		.1616	.1621	.1637	.1640	.1644	.1734	340.
350.	.1793	.1794	.1816	.1798	.1800	.1790		.1810	.1796	.1825	.1827	.1822	.1857	350.

TABLE VI. - CONTINUED

(N) MACH = 4.50, BETA = 1.00 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
							FOR ALPHA = 4.50 DEG							
0.	.1448	.1509	.1537	.1560	.1564	.1573	.1601	.1613	.1610	.1608	.1574	.1568	.1554	.1559
10.				.1334	.1328	.1364	.1373	.1358	.1339	.1336	.1329	.1324	.1308	.1312
20.		.1238	.1191	.1180	.1140	.1144	.1157	.1162	.1156	.1146	.1131	.1133	.1112	.1129
35.				.1019	.1004	.1035	.1065	.1056	.1072	.1066	.1037	.1057	.1053	.1068
50.	.1052	.1042	.0992	.0969	.0969	.0991	.1012	.1000	.1034	.1081	.1072	.1071	.1052	.1064
70.				.0978	.0987	.1022	.1072	.1034	.1032	.1059	.1066	.1086	.1063	.1057
90.	.1083	.1117	.1087	.1023	.1058	.1093	.1094	.1098	.1086	.1062	.1080	.1085	.1061	.1060
110.				.1260	.1308	.1285	.1295	.1267	.1279	.1269	.1252	.1256	.1270	.1278
130.				.1969	.1953	.1926	.1949	.1901	.1947	.1895	.1930	.1896	.1907	.1920
145.	.2992	.2771	.2860	.2894	.2856	.2855	.2815	.2817	.2807	.2748	.2767	.2758	.2727	.2743
160.				.3540	.3390	.3416	.3396	.3384	.3373	.3354	.3329	.3343	.3319	.3339
180.	.3405	.3679	.3733	.3680	.3700	.3686	.3668	.3658	.3636	.3627	.3621	.3594	.3602	.3593
200.				.3738	.3617	.3622	.3608	.3599	.3584	.3546	.3513	.3540	.3514	.3524
215.	.3296	.3123	.3221	.3239	.3228	.3219	.3187	.3180	.3170	.3096	.3088	.3115	.3098	.3087
230.				.2375	.2356	.2337	.2351	.2316	.2344	.2307	.2308	.2323	.2315	.2334
250.				.1646	.1646	.1637	.1617	.1611	.1638	.1604	.1588	.1600	.1617	.1630
270.	.1377	.1414	.1366	.1325	.1340	.1374	.1374	.1399	.1398	.1355	.1367	.1391	.1372	.1366
290.				.1245	.1263	.1298	.1355	.1324	.1324	.1316	.1317	.1346	.1341	.1341
310.	.1284	.1298	.1246	.1238	.1241	.1276	.1298	.1296	.1331	.1339	.1313	.1323	.1321	.1339
325.				.1253	.1264	.1306	.1334	.1333	.1327	.1319	.1289	.1318	.1312	.1321
340.		.1444	.1389	.1414	.1389	.1376	.1396	.1404	.1399	.1388	.1348	.1349	.1345	.1357
350.				.1486	.1480	.1520	.1526	.1513	.1503	.1499	.1469	.1459	.1457	.1457
							FOR ALPHA = 9.50 DEG							
0.	.0792	.0964	.0976	.0974	.0977	.0961	.0979	.0987	.0997	.0995	.0946	.0940	.0941	.0948
10.				.0779	.0781	.0783	.0795	.0781	.0781	.0775	.0746	.0747	.0763	.0773
20.		.0754	.0730	.0717	.0721	.0715	.0747	.0748	.0759	.0756	.0719	.0712	.0726	.0745
35.				.0705	.0707	.0735	.0764	.0753	.0760	.0759	.0737	.0753	.0754	.0759
50.	.0704	.0755	.0726	.0700	.0703	.0742	.0791	.0782	.0776	.0798	.0776	.0768	.0778	.0793
70.				.0706	.0731	.0791	.0810	.0793	.0773	.0766	.0783	.0798	.0804	.0800
90.	.0854	.0854	.0852	.0806	.0788	.0828	.0828	.0799	.0822	.0775	.0786	.0775	.0782	.0781
110.				.1129	.1121	.1107	.1153	.1109	.1095	.1078	.1113	.1089	.1098	.1103
130.				.2181	.2188	.2177	.2200	.2116	.2150	.2088	.2142	.2089	.2134	.2148
145.	.3904	.3571	.3705	.3790	.3685	.3701	.3639	.3588	.3622	.3536	.3515	.3524	.3523	.3491
160.				.4746	.4655	.4662	.4650	.4625	.4601	.4563	.4485	.4541	.4482	.4505
180.	.4722	.5089	.5152	.5106	.5140	.5118	.5090	.5075	.5046	.5017	.4992	.4960	.4959	.4937
200.				.5013	.4909	.4917	.4893	.4868	.4835	.4791	.4733	.4753	.4715	.4733
215.	.4291	.3972	.4113	.4201	.4095	.4106	.4050	.4029	.4003	.3919	.3898	.3917	.3898	.3882
230.				.2699	.2622	.2584	.2627	.2514	.2610	.2548	.2537	.2567	.2568	.2582
250.				.1487	.1496	.1493	.1449	.1422	.1422	.1440	.1419	.1408	.1465	.1480
270.	.1124	.1134	.1142	.1089	.1063	.1075	.1105	.1089	.1080	.1059	.1056	.1061	.1069	.1057
290.				.0953	.0962	.1034	.1028	.1035	.1037	.1022	.1047	.1052	.1053	.1046
310.	.0839	.0962	.0929	.0907	.0915	.0975	.1016	.0977	.1008	.1037	.1012	.1002	.1002	.1016
325.				.0905	.0912	.0943	.0964	.0951	.0948	.0950	.0954	.0959	.0962	.0966
340.		.0872	.0863	.0864	.0895	.0897	.0924	.0908	.0903	.0893	.0868	.0858	.0873	.0890
350.				.0863	.0865	.0872	.0884	.0872	.0872	.0870	.0844	.0842	.0860	.0866
							FOR ALPHA = 14.49 DEG							
0.	.0458	.0650	.0631	.0618	.0613	.0617	.0633	.0639	.0656	.0655	.0600	.0610	.0614	.0615
10.				.0426	.0420	.0399	.0408	.0397	.0400	.0403	.0396	.0399	.0412	.0415
20.		.0450	.0434	.0411	.0443	.0428	.0452	.0432	.0424	.0413	.0396	.0395	.0392	.0411
35.				.0421	.0440	.0482	.0521	.0496	.0484	.0481	.0473	.0476	.0467	.0477
50.	.0438	.0468	.0442	.0432	.0462	.0518	.0523	.0510	.0515	.0564	.0530	.0526	.0537	.0556
70.				.0442	.0503	.0518	.0534	.0504	.0512	.0506	.0522	.0543	.0557	.0562
90.	.0646	.0646	.0588	.0536	.0614	.0564	.0544	.0568	.0540	.0513	.0513	.0506	.0502	.0498
110.				.1109	.1025	.1001	.1088	.0983	.1023	.1006	.0981	.0966	.1002	.1024
130.				.2501	.2492	.2375	.2479	.2410	.2466	.2367	.2368	.2372	.2380	.2413
145.	.4952	.4407	.4662	.4712	.4559	.4587	.4499	.4528	.4467	.4361	.4342	.4368	.4349	.4297
160.				.6076	.5999	.6035	.6038	.6018	.5972	.5923	.5794	.5877	.5810	.5806
180.	.6207	.6616	.6555	.6649	.6712	.6696	.6680	.6684	.6624	.6591	.6569	.6547	.6523	.6462
200.				.6381	.6280	.6310	.6302	.6281	.6237	.6176	.6108	.6148	.6096	.6098
215.	.5359	.4850	.5070	.5116	.5016	.5034	.4953	.4965	.4930	.4798	.4795	.4805	.4795	.4764
230.				.2981	.2847	.2833	.2828	.2775	.2889	.2807	.2832	.2813	.2837	.2848
250.				.1413	.1379	.1357	.1335	.1347	.1310	.1323	.1276	.1296	.1341	.1349
270.	.0891	.0901	.0831	.0807	.0855	.0839	.0807	.0767	.0765	.0765	.0747	.0766	.0754	.0745
290.				.0631	.0723	.0713	.0728	.0713	.0728	.0723	.0742	.0775	.0786	.0800
310.	.0564	.0625	.0593	.0603	.0634	.0699	.0691	.0691	.0717	.0754	.0722	.0722	.0737	.0751
325.				.0548	.0593	.0632	.0671	.0641	.0652	.0641	.0622	.0618	.0633	.0638
340.		.0503	.0491	.0479	.0546	.0502	.0502	.0511	.0518	.0510	.0468	.0455	.0479	.0493
350.				.0448	.0446	.0449	.0467	.0457	.0460	.0450	.0417	.0412	.0450	.0454
							FOR ALPHA = 19.50 DEG							
0.	.0257	.0484	.0472	.0444	.0433	.0461	.0475	.0477	.0496	.0494	.0425	.0440	.0449	.0451
10.				.0211	.0211	.0192	.0204	.0179	.0178	.0180	.0164	.0160	.0179	.0202
20.		.0242	.0217	.0177	.0226	.0173	.0194	.0155	.0150	.0152	.0127	.0113	.0127	.0151
35.				.0178	.0227	.0234	.0260	.0241	.0238	.0232	.0219	.0223	.0226	.0237
50.	.0202	.0214	.0212	.0219	.0264	.0274	.0298	.0267	.0296	.0320	.0301	.0297	.0309	.0314
70.				.0282	.0333	.0323	.0320	.0306	.0312	.0285	.0289	.0305	.0323	.0314
90.	.0560	.0539	.0449	.0423	.0445	.0407	.0396	.0400	.0394	.0354	.0355	.0345	.0361	.0339
110.				.1004	.1020	.0956	.0956	.0953	.0982	.0940	.0943	.0943	.0976	.0989
130.				.2766	.2712	.2638	.2667	.2621	.2728	.2618	.2651	.2674	.2698	.2706
145.	.6117	.5312	.5575	.5689	.5462	.5504	.5398	.5401	.5378	.5255	.5246	.5299	.5280	.5190
160.				.7535	.7453	.7471	.7444	.7460	.7441	.7428	.7305	.7407	.7293	.7270
180.	.7840	.8316	.8254	.8338	.8385	.8351	.8330	.8361	.8356	.8365	.8341	.8303	.8259	.8164
200.				.7837	.7763	.7778	.7745	.7743	.7727	.7699	.7634	.7698	.7596	.7570
215.	.6572	.5794	.5995	.6138	.5965	.5992	.5890	.5905	.5857	.5737	.5735	.5745	.5740	.5681
230.				.3306	.3201	.3082	.3107	.3073	.3128	.3065	.3102	.3105	.3142	.3161
250.				.1264	.1312	.1319	.1264	.1253	.1270	.1235	.1230	.1231	.1264	.1283
270.	.0781	.0764	.0667	.0651	.0688	.0600	.0651	.0590	.0600	.0572	.0563	.0558	.0557	.0527
290.				.0473	.0493	.0550	.0497	.0490	.0481	.0481	.0503	.0490	.0505	.0508
310.	.0287	.0339	.0333	.0359	.0416	.0396	.0442	.0419	.0453	.0488	.0473	.0483	.0469	.0492
325.				.0276	.0309	.0353	.0343	.0377	.0360	.0356	.0349	.0342	.0336	.0336
340.		.0241	.0220	.0187	.0247	.0171	.0190	.0186	.0160	.0150	.0135	.0122	.0124	.0134
350.				.0208	.0207	.0179	.0191	.0175	.0174	.0166	.0138	.0139	.0144	.0154

TABLE VI. - CONTINUED

(N) MACH = 4.50, BETA = 1.00 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 4.50 DEG								
0.	.1575	.1611	.1605	.1504	.1577	.1577		.1571	.1529	.1593	.1592	.1585		0.
10.	.1326	.1348	.1365	.1352	.1352	.1339		.1404	.1333	.1358	.1360	.1343	.1369	10.
20.	.1148	.1187	.1190	.1173	.1185	.1191		.1169	.1168	.1186	.1186	.1184	.1252	20.
35.	.1096	.1119	.1124	.1085	.1077	.1087		.1067	.1071	.1064	.1061	.1077	.1112	35.
50.	.1069	.1085	.1074	.1041	.1038	.1033		.1043	.1040	.1024	.1013	.1032	.1054	50.
70.	.1064	.1074	.1066	.1036	.1045	.1035		.1055	.1044	.1030	.1020	.1000	.1030	70.
90.	.1093	.1090	.1078	.1060	.1084	.1098		.1091	.1082	.1075	.1042	.1046	.1066	90.
110.	.1299	.1287	.1273	.1254	.1269	.1261	.1269	.1270	.1265	.1273	.1239	.1240	.1222	110.
130.	.1941	.1949	.1955	.1964	.1990		.1946	.1973	.1974	.1984	.1979	.1993	.1991	130.
145.	.2768	.2758	.2811	.2809	.2796		.2744	.2753		.2764	.2773	.2810	.2824	145.
160.	.3352	.3360	.3367	.3371	.3363		.3125	.3358	.3344	.3327	.3304	.3341	.3416	160.
180.	.3634	.3597	.3614	.3587	.3612		.3598	.3561	.3590	.3601	.3583	.3621	.3608	180.
200.	.3539	.3538	.3547	.3552	.3563		.3295	.3591	.3582	.3566	.3549	.3602	.3682	200.
215.	.3103	.3097	.3122	.3123	.3123		.3100	.3119		.3185	.3217	.3270	.3281	215.
230.	.2343	.2350	.2344	.2347	.2375		.2343	.2383	.2391	.2409	.2413	.2437	.2439	230.
250.	.1641	.1631	.1607	.1588	.1606	.1598	.1604	.1607	.1606	.1617	.1588	.1594	.1571	250.
270.	.1389	.1384	.1361	.1343	.1369	.1384		.1382	.1376	.1363	.1328	.1330	.1353	270.
290.	.1354	.1358	.1346	.1309	.1322	.1313		.1328	.1318	.1305	.1294	.1270	.1296	290.
310.	.1345	.1359	.1344	.1307	.1305	.1296		.1301	.1296	.1276	.1267	.1290	.1310	310.
325.	.1353	.1373	.1377	.1333	.1324	.1338		.1311	.1315	.1308	.1306	.1328	.1366	325.
340.	.1372	.1405	.1407	.1392	.1409	.1426		.1397	.1400	.1416	.1415	.1415	.1489	340.
350.	.1464	.1493	.1509	.1498	.1506	.1506		.1503	.1506	.1527	.1524	.1515	.1551	350.
						FOR ALPHA = 9.50 DEG								
0.	.0969	.1038	.1043	.0849	.0993	.0992		.0960	.0844	.0968	.0968	.0959		0.
10.	.0787	.0806	.0825	.0799	.0814	.0805		.0802	.0768	.0797	.0796	.0781	.0798	10.
20.	.0756	.0768	.0770	.0750	.0765	.0774		.0753	.0743	.0760	.0757	.0748	.0795	20.
35.	.0781	.0788	.0792	.0759	.0761	.0783		.0756	.0754	.0754	.0751	.0761	.0790	35.
50.	.0794	.0795	.0787	.0763	.0769	.0772		.0774	.0769	.0760	.0756	.0766	.0787	50.
70.	.0813	.0818	.0814	.0786	.0796	.0791		.0802	.0796	.0791	.0786	.0774	.0794	70.
90.	.0825	.0798	.0782	.0767	.0792	.0810		.0811	.0804	.0803	.0776	.0776	.0788	90.
110.	.1124	.1122	.1105	.1097	.1105	.1085	.1088	.1083	.1072	.1077	.1040	.1045	.1023	110.
130.	.2159	.2166	.2154	.2154	.2179		.2151	.2189	.2188	.2201	.2194	.2214	.2208	130.
145.	.3506	.3475	.3528	.3547	.3526		.3469	.3494		.3498	.3526	.3559	.3576	145.
160.	.4495	.4514	.4530	.4557	.4545		.4222	.4542	.4531	.4501	.4485	.4527	.4610	160.
180.	.4991	.4948	.4977	.4954	.4988		.4968	.4930	.4964	.4980	.4961	.5004	.4986	180.
200.	.4735	.4746	.4771	.4805	.4813		.4449	.4806	.4791	.4774	.4760	.4819	.4903	200.
215.	.3884	.3869	.3917	.3951	.3949		.3910	.3933		.3957	.3980	.4026	.4034	215.
230.	.2573	.2574	.2563	.2583	.2624		.2598	.2646	.2647	.2663	.2667	.2689	.2680	230.
250.	.1478	.1460	.1441	.1419	.1436	.1420	.1422	.1424	.1418	.1425	.1391	.1398	.1370	250.
270.	.1082	.1072	.1050	.1038	.1065	.1079		.1076	.1068	.1061	.1033	.1039	.1061	270.
290.	.1069	.1063	.1056	.1026	.1039	.1031		.1041	.1034	.1025	.1014	.1000	.1025	290.
310.	.1023	.1021	.1013	.0985	.0988	.0987		.0992	.0990	.0979	.0970	.0985	.1008	310.
325.	.0997	.0991	.0994	.0961	.0960	.0977		.0942	.0943	.0944	.0942	.0962	.0996	325.
340.	.0914	.0928	.0936	.0926	.0936	.0941		.0908	.0899	.0915	.0909	.0905	.0958	340.
350.	.0889	.0899	.0924	.0911	.0923	.0914		.0924	.0873	.0900	.0897	.0884	.0909	350.
						FOR ALPHA = 14.49 DEG								
0.	.0624	.0707	.0707	.0406	.0588	.0598		.0564	.0418	.0573	.0574	.0573		0.
10.	.0424	.0425	.0436	.0377	.0409	.0410		.0398	.0371	.0398	.0400	.0398	.0420	10.
20.	.0426	.0427	.0428	.0382	.0399	.0404		.0383	.0377	.0393	.0391	.0394	.0428	20.
35.	.0500	.0494	.0496	.0441	.0449	.0473		.0435	.0430	.0428	.0428	.0443	.0462	35.
50.	.0558	.0549	.0540	.0484	.0493	.0496		.0491	.0493	.0489	.0486	.0501	.0513	50.
70.	.0574	.0572	.0573	.0523	.0538	.0532		.0540	.0537	.0534	.0528	.0523	.0534	70.
90.	.0530	.0496	.0480	.0438	.0457	.0473		.0464	.0458	.0458	.0450	.0434	.0437	90.
110.	.1023	.1009	.0992	.0939	.0947	.0936	.0941	.0930	.0918	.0918	.0886	.0889	.0868	110.
130.	.2400	.2404	.2394	.2315	.2338		.2315	.2362	.2359	.2373	.2375	.2394	.2386	130.
145.	.4280	.4248	.4300	.4185	.4176		.4145	.4160		.4149	.4187	.4231	.4246	145.
160.	.5767	.5777	.5793	.5691	.5689		.5045	.5662	.5639	.5621	.5615	.5643	.5733	160.
180.	.6512	.6433	.6478	.6373	.6403		.6390	.6348	.6402	.6418	.6398	.6448	.6416	180.
200.	.6068	.6065	.6080	.6136	.6131		.5579	.6126	.6106	.6092	.6088	.6132	.6219	200.
215.	.4735	.4703	.4760	.4785	.4784		.4745	.4762		.4768	.4804	.4846	.4857	215.
230.	.2838	.2839	.2835	.2844	.2874		.2833	.2895	.2899	.2922	.2919	.2934	.2922	230.
250.	.1340	.1328	.1312	.1294	.1303	.1284	.1283	.1278	.1266	.1274	.1238	.1244	.1221	250.
270.	.0744	.0727	.0715	.0700	.0721	.0725		.0728	.0719	.0722	.0702	.0701	.0715	270.
290.	.0809	.0787	.0801	.0768	.0783	.0774		.0786	.0774	.0770	.0767	.0760	.0782	290.
310.	.0756	.0734	.0725	.0695	.0701	.0709		.0712	.0707	.0700	.0697	.0708	.0727	310.
325.	.0662	.0639	.0639	.0607	.0615	.0646		.0607	.0600	.0593	.0591	.0603	.0629	325.
340.	.0505	.0495	.0497	.0475	.0491	.0495		.0483	.0475	.0493	.0492	.0490	.0525	340.
350.	.0464	.0463	.0476	.0445	.0474	.0474		.0474	.0432	.0458	.0463	.0457	.0483	350.
						FOR ALPHA = 19.50 DEG								
0.	.0457	.0543	.0543	.0221	.0433	.0462		.0402	.0224	.0408	.0407	.0404		0.
10.	.0212	.0204	.0211	.0184	.0220	.0228		.0218	.0176	.0202	.0203	.0203	.0229	10.
20.	.0161	.0146	.0147	.0143	.0169	.0176		.0155	.0148	.0167	.0164	.0164	.0185	20.
35.	.0251	.0226	.0232	.0223	.0234	.0268		.0224	.0219	.0217	.0216	.0219	.0235	35.
50.	.0334	.0317	.0318	.0304	.0320	.0331		.0323	.0320	.0316	.0309	.0321	.0332	50.
70.	.0338	.0323	.0333	.0332	.0352	.0346		.0340	.0331	.0326	.0320	.0316	.0326	70.
90.	.0381	.0338	.0322	.0319	.0330	.0338		.0302	.0294	.0292	.0297	.0272	.0275	90.
110.	.0983	.0965	.0948	.0920	.0919	.0897	.0896	.0891	.0876	.0881	.0850	.0860	.0846	110.
130.	.2687	.2688	.2685	.2684	.2706		.2672	.2727	.2722	.2745	.2738	.2767	.2752	130.
145.	.5147	.5078	.5133	.5141	.5128		.5099	.5141		.5126	.5165	.5204	.5246	145.
160.	.7211	.7195	.7179	.7187	.7176		.6952	.7209	.7219	.7187	.7187	.7230	.7334	160.
180.	.8216	.8093	.8099	.8018	.8052		.8089	.8042	.8147	.8175	.8169	.8242	.8192	180.
200.	.7523	.7501	.7493	.7484	.7461		.6499	.7507	.7526	.7500	.7508	.7575	.7689	200.
215.	.5648	.5588	.5637	.5645	.5615		.5581	.5628		.5641	.5686	.5736	.5770	215.
230.	.3142	.3148	.3136	.3137	.3158		.3117	.3190	.3196	.3229	.3223	.3242	.3224	230.
250.	.1281	.1252	.1240	.1220	.1223	.1205	.1212	.1203	.1191	.1198	.1158	.1165	.1140	250.
270.	.0579	.0522	.0509	.0490	.0502	.0512		.0502	.0492	.0492	.0479	.0466	.0471	270.
290.	.0527	.0526	.0536	.0519	.0533	.0535		.0542	.0536	.0535	.0528	.0520	.0537	290.
310.	.0486	.0486	.0494	.0460	.0475	.0486		.0486	.0484	.0484	.0480	.0485	.0503	310.
325.	.0361	.0350	.0352	.0328	.0334	.0377		.0340	.0328	.0330	.0330	.0334	.0349	325.
340.	.0142	.0147	.0150	.0141	.0161	.0170		.0150	.0142	.0163	.0164	.0167	.0193	340.
350.	.0166	.0178	.0191	.0168	.0206	.0215		.0211	.0161	.0190	.0192	.0187	.0218	350.

TABLE VI. - CONTINUED

(D) MACH = 4.50, BETA = 3.01 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -1.49 DEG								
0.	.2652	.2566	.2629	.2638	.2678	.2661	.2672	.2688	.2688	.2694	.2682	.2680	.2681	.2691
10.														
20.														
35.														
50.														
70.														
90.														
110.														
130.														
145.														
160.														
180.	.2069	.2207	.2266	.2251	.2261	.2267	.2259	.2271	.2268	.2264	.2257	.2225	.2234	.2216
200.				.2559	.2463	.2464	.2471	.2483	.2477	.2461	.2413	.2442	.2423	.2443
215.	.2555	.2498	.2501	.2530	.2583	.2560	.2561	.2574	.2578	.2545	.2552	.2563	.2546	.2535
230.				.2432	.2450	.2438	.2453	.2426	.2436	.2427	.2429	.2427	.2423	.2437
250.				.2126	.2147	.2189	.2203	.2189	.2202	.2174	.2164	.2178	.2205	.2213
270.	.2071	.2044	.2010	.1981	.2008	.2058	.2084	.2092	.2104	.2090	.2074	.2076	.2048	.2040
290.				.1948	.1958	.1981	.2012	.2089	.2086	.2063	.2070	.2075	.2048	.2027
310.	.2121	.2086	.2046	.2000	.1940	.2044	.2108	.2062	.2064	.2114	.2098	.2085	.2067	.2080
325.				.2120	.2068	.2121	.2176	.2153	.2179	.2167	.2142	.2172	.2141	.2142
340.		.2582	.2462	.2488	.2428	.2395	.2431	.2423	.2424	.2422	.2395	.2394	.2386	.2402
350.				.2683	.2705	.2746	.2745	.2721	.2711	.2708	.2700	.2691	.2683	.2681
						FOR ALPHA = -.50 DEG								
0.	.2392	.2359	.2406	.2395	.2448	.2442	.2467	.2482	.2482	.2483	.2467	.2464	.2460	.2457
10.				.1897	.1879	.1951	.1952	.1931	.1903	.1891	.1876	.1868	.1853	.1851
20.		.1589	.1493	.1430	.1371	.1332	.1347	.1335	.1332	.1333	.1305	.1313	.1307	.1320
35.				.1067	.1024	.1072	.1116	.1081	.1104	.1112	.1093	.1110	.1087	.1095
50.	.1117	.1078	.1021	.0980	.0980	.1036	.1067	.1038	.1033	.1068	.1057	.1067	.1060	.1072
70.				.0961	.0984	.1013	.1037	.1002	.1007	.1013	.1037	.1054	.1040	.1035
90.	.1024	.1004	.0976	.0970	.1006	.1023	.1036	.1021	.1033	.1037	.1047	.1059	.1039	.1034
110.				.1064	.1086	.1118	.1122	.1127	.1126	.1116	.1102	.1109	.1115	.1128
130.				.1377	.1412	.1370	.1428	.1405	.1383	.1394	.1396	.1383	.1388	.1388
145.	.1933	.1764	.1823	.1840	.1852	.1841	.1830	.1826	.1841	.1802	.1812	.1816	.1788	.1786
160.				.2309	.2168	.2181	.2167	.2170	.2174	.2169	.2145	.2172	.2157	.2169
180.	.2277	.2438	.2477	.2441	.2479	.2462	.2438	.2458	.2461	.2468	.2466	.2443	.2448	.2428
200.				.2764	.2665	.2673	.2666	.2669	.2678	.2665	.2652	.2648	.2635	.2649
215.	.2725	.2660	.2670	.2690	.2741	.2722	.2718	.2721	.2727	.2694	.2704	.2717	.2709	.2691
230.				.2494	.2526	.2510	.2517	.2488	.2499	.2481	.2489	.2487	.2497	.2510
250.				.2117	.2147	.2160	.2186	.2165	.2159	.2161	.2135	.2128	.2175	.2189
270.	.2026	.2002	.1999	.1948	.1961	.1997	.2020	.2027	.2025	.2001	.2012	.2027	.2016	.2002
290.				.1887	.1887	.1904	.1916	.1966	.2008	.1989	.2006	.2012	.2001	.1986
310.	.2035	.2000	.1966	.1936	.1882	.1938	.1999	.1983	.1996	.2028	.2021	.2012	.2011	.2026
325.				.2025	.1982	.2020	.2073	.2083	.2077	.2073	.2064	.2092	.2069	.2073
340.		.2422	.2325	.2351	.2226	.2272	.2282	.2293	.2300	.2292	.2261	.2269	.2271	.2286
350.				.2482	.2498	.2534	.2547	.2526	.2526	.2522	.2507	.2502	.2509	.2497
						FOR ALPHA = .49 DEG								
0.	.2183	.2164	.2214	.2187	.2241	.2238	.2263	.2287	.2287	.2286	.2269	.2264	.2254	.2250
10.				.1735	.1712	.1783	.1782	.1769	.1748	.1739	.1715	.1708	.1706	.1705
20.		.1469	.1386	.1320	.1278	.1233	.1259	.1243	.1247	.1249	.1220	.1224	.1228	.1243
35.				.1006	.0980	.1009	.1061	.1040	.1051	.1048	.1038	.1054	.1049	.1059
50.	.1039	.1024	.0974	.0933	.0929	.0976	.1010	.0988	.0985	.1011	.1012	.1015	.1022	.1036
70.				.0913	.0925	.0959	.0967	.0961	.0981	.0975	.0997	.1005	.1007	.1003
90.	.0989	.0979	.0979	.0942	.0963	.0981	.0992	.0991	.1009	.1002	.1002	.1004	.1013	.1015
110.				.1034	.1085	.1077	.1113	.1099	.1101	.1081	.1077	.1069	.1093	.1109
130.				.1420	.1422	.1418	.1467	.1392	.1441	.1411	.1423	.1404	.1425	.1444
145.	.2081	.1889	.1952	.1981	.1969	.1966	.1948	.1964	.1945	.1935	.1900	.1920	.1928	.1912
160.				.2477	.2355	.2366	.2354	.2357	.2357	.2343	.2322	.2362	.2355	.2371
180.	.2482	.2671	.2710	.2666	.2696	.2680	.2667	.2674	.2674	.2676	.2679	.2666	.2671	.2650
200.				.2983	.2885	.2889	.2888	.2882	.2887	.2868	.2838	.2868	.2837	.2846
215.	.2903	.2828	.2838	.2871	.2908	.2889	.2883	.2880	.2886	.2819	.2863	.2898	.2865	.2835
230.				.2581	.2598	.2567	.2590	.2555	.2566	.2541	.2552	.2553	.2543	.2567
250.				.2124	.2120	.2161	.2138	.2155	.2157	.2134	.2107	.2111	.2133	.2163
270.	.1971	.1971	.1964	.1896	.1893	.1939	.1966	.1976	.1964	.1941	.1954	.1975	.1946	.1933
290.				.1817	.1826	.1875	.1925	.1933	.1939	.1919	.1949	.1952	.1926	.1908
310.	.1956	.1938	.1873	.1844	.1788	.1895	.1921	.1906	.1931	.1958	.1950	.1942	.1931	.1944
325.				.1927	.1877	.1944	.1979	.1979	.2001	.1997	.1982	.2023	.1979	.1976
340.		.2266	.2189	.2191	.2129	.2097	.2163	.2163	.2160	.2174	.2137	.2137	.2127	.2136
350.				.2294	.2308	.2339	.2353	.2343	.2341	.2343	.2330	.2323	.2308	.2299
						FOR ALPHA = 2.49 DEG								
0.	.1783	.1799	.1850	.1829	.1872	.1868	.1899	.1916	.1921	.1921	.1891	.1882	.1882	.1883
10.				.1441	.1429	.1483	.1490	.1468	.1473	.1427	.1442	.1423	.1435	.1430
20.		.1243	.1184	.1145	.1114	.1094	.1069	.1086	.1087	.1061	.1069	.1044	.1062	.1102
35.				.0893	.0886	.0911	.0937	.0922	.0939	.0931	.0917	.0941	.0963	.0964
50.	.0926	.0904	.0875	.0840	.0841	.0881	.0912	.0887	.0909	.0945	.0914	.0913	.0934	.0947
70.				.0828	.0847	.0872	.0903	.0877	.0887	.0889	.0909	.0923	.0934	.0922
90.	.0901	.0937	.0904	.0876	.0878	.0886	.0948	.0926	.0915	.0892	.0898	.0917	.0944	.0937
110.				.1008	.1034	.1038	.1060	.1023	.1038	.1019	.1031	.1013	.1056	.1062
130.				.1555	.1443	.1479	.1504	.1439	.1472	.1496	.1474	.1491	.1492	.1496
145.	.2370	.2148	.2221	.2256	.2238	.2233	.2223	.2222	.2184	.2168	.2153	.2186	.2176	.2170
160.				.2874	.2770	.2771	.2766	.2762	.2753	.2744	.2713	.2757	.2756	.2763
180.	.2910	.3149	.3200	.3162	.3178	.3175	.3155	.3156	.3141	.3136	.3134	.3135	.3151	.3133
200.				.3461	.3350	.3356	.3352	.3341	.3333	.3308	.3243	.3289	.3284	.3307
215.	.3260	.3166	.3201	.3215	.3240	.3233	.3232	.3223	.3222	.3138	.3162	.3197	.3192	.3164
230.				.2722	.2724	.2694	.2707	.2672	.2696	.2652	.2653	.2652	.2662	.2689
250.				.2062	.2091	.2098	.2102	.2091	.2120	.2035	.2055	.2051	.2124	.2140
270.	.1858	.1893	.1834	.1814	.1729	.1875	.1883	.1858	.1849	.1842	.1832	.1842	.1834	.1841
290.				.1704	.1709	.1764	.1807	.1768	.1781	.1778	.1811	.1833	.1824	.1801
310.	.1770	.1781	.1702	.1689	.1663	.1713	.1712	.1727	.1796	.1819	.1802	.1795	.1806	.1817
325.				.1756	.1709	.1769	.1807	.1808	.1811	.1803	.1792	.1837	.1826	.1824
340.		.1951	.1909	.1907	.1849	.1869	.1891	.1896	.1897	.1900	.1866	.1865	.1881	.1895
350.				.1932	.1951	.1975	.2001	.1994	.1994	.1989	.1965	.1954	.1957	.1951

TABLE VI. - CONTINUED

(O) MACH = 4.50, BETA = 3.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -1.49 DEG								
0.	.2715	.2716	.2701	.2660	.2663	.2661		.2651	.2671	.2702	.2716	.2733		0.
10.														10.
20.														20.
35.														35.
50.														50.
70.														70.
90.														90.
110.														110.
130.														130.
145.														145.
160.														160.
180.	.2255	.2251	.2272	.2248	.2251		.2230	.2196	.2205	.2210	.2202	.2229	.2225	180.
200.	.2452	.2462	.2468	.2466	.2454		.2468	.2449	.2423	.2422	.2414	.2463	.2530	200.
215.	.2558	.2544	.2558	.2560	.2550		.2522	.2525		.2557	.2579	.2627	.2644	215.
230.	.2443	.2437	.2430	.2445	.2464		.2437	.2460	.2472	.2485	.2506	.2533	.2543	230.
250.	.2223	.2207	.2176	.2158	.2182	.2163	.2166	.2162	.2171	.2195	.2178	.2188	.2157	250.
270.	.2069	.2073	.2037	.2017	.2052	.2055		.2050	.2037	.2016	.1982	.1988	.2022	270.
290.	.2040	.2047	.2028	.1983	.2007	.1990		.2028	.2013	.1994	.1981	.1955	.1997	290.
310.	.2083	.2114	.2090	.2053	.2049	.2034		.2043	.2032	.1999	.1989	.2035	.2065	310.
325.	.2184	.2221	.2233	.2175	.2156	.2156		.2134	.2138	.2124	.2119	.2163	.2211	325.
340.	.2415	.2447	.2442	.2416	.2429	.2428		.2414	.2418	.2439	.2445	.2468	.2594	340.
350.	.2690	.2724	.2749	.2735	.2719	.2694		.2681	.2687	.2712	.2714	.2727	.2779	350.
						FOR ALPHA = -.50 DEG								
0.	.2474	.2479	.2468	.2432	.2447	.2450		.2440	.2451	.2482	.2494	.2501		0.
10.	.1871	.1901	.1919	.1900	.1888	.1866		.1856	.1848	.1875	.1885	.1886	.1913	10.
20.	.1327	.1361	.1356	.1335	.1353	.1366		.1347	.1355	.1378	.1395	.1409	.1498	20.
35.	.1125	.1161	.1167	.1127	.1117	.1128		.1113	.1122	.1117	.1118	.1142	.1168	35.
50.	.1079	.1105	.1088	.1055	.1060	.1054		.1057	.1048	.1032	.1024	.1046	.1067	50.
70.	.1046	.1063	.1049	.1016	.1031	.1020		.1040	.1026	.1012	.1001	.0984	.1005	70.
90.	.1075	.1068	.1046	.1026	.1051	.1053		.1038	.1023	.1013	.0980	.0988	.1007	90.
110.	.1143	.1138	.1115	.1098	.1114	.1099	.1103	.1103	.1100	.1110	.1094	.1103	.1087	110.
130.	.1413	.1421	.1406	.1388	.1403		.1372	.1390	.1395	.1410	.1414	.1439	.1443	130.
145.	.1815	.1797	.1824	.1808	.1793		.1739	.1751		.1761	.1776	.1817	.1840	145.
160.	.2180	.2169	.2164	.2153	.2140		.1774	.2102	.2080	.2075	.2066	.2102	.2162	160.
180.	.2457	.2433	.2449	.2423	.2434		.2414	.2383	.2399	.2404	.2399	.2420	.2415	180.
200.	.2653	.2662	.2669	.2676	.2665		.2631	.2657	.2636	.2628	.2614	.2664	.2731	200.
215.	.2711	.2683	.2717	.2715	.2706		.2671	.2679		.2713	.2730	.2780	.2799	215.
230.	.2511	.2504	.2496	.2505	.2523		.2515	.2539	.2554	.2569	.2579	.2605	.2607	230.
250.	.2194	.2187	.2158	.2142	.2163	.2146	.2150	.2146	.2152	.2175	.2155	.2167	.2141	250.
270.	.2020	.2019	.1990	.1967	.2007	.2010		.2003	.1989	.1970	.1931	.1936	.1971	270.
290.	.1994	.1996	.1977	.1930	.1948	.1932		.1967	.1952	.1932	.1920	.1894	.1936	290.
310.	.2028	.2043	.2023	.1982	.1981	.1964		.1969	.1955	.1927	.1914	.1958	.1988	310.
325.	.2109	.2131	.2138	.2083	.2065	.2069		.2040	.2047	.2031	.2029	.2069	.2115	325.
340.	.2295	.2310	.2301	.2282	.2298	.2307		.2276	.2277	.2296	.2299	.2319	.2442	340.
350.	.2504	.2526	.2544	.2537	.2522	.2507		.2494	.2503	.2530	.2535	.2548	.2586	350.
						FOR ALPHA = .49 DEG								
0.	.2261	.2275	.2269	.2225	.2252	.2250		.2244	.2250	.2287	.2294	.2293		0.
10.	.1720	.1738	.1756	.1738	.1733	.1711		.1710	.1698	.1724	.1729	.1721	.1742	10.
20.	.1248	.1268	.1265	.1242	.1261	.1273		.1260	.1269	.1289	.1300	.1307	.1392	20.
35.	.1084	.1103	.1109	.1065	.1057	.1068		.1060	.1069	.1064	.1063	.1078	.1105	35.
50.	.1041	.1051	.1041	.1005	.1009	.1002		.1011	.1003	.0989	.0979	.0994	.1014	50.
70.	.1013	.1020	.1010	.0976	.0991	.0983		.1001	.0990	.0976	.0963	.0939	.0960	70.
90.	.1041	.1028	.1008	.0985	.1011	.1023		.1003	.0990	.0981	.0942	.0948	.0965	90.
110.	.1118	.1114	.1095	.1077	.1093	.1079	.1082	.1079	.1078	.1085	.1064	.1071	.1053	110.
130.	.1447	.1450	.1437	.1424	.1438		.1407	.1425	.1433	.1445	.1444	.1466	.1466	130.
145.	.1936	.1921	.1942	.1924	.1905		.1850	.1862		.1876	.1887	.1927	.1947	145.
160.	.2367	.2352	.2348	.2331	.2320		.1901	.2284	.2260	.2256	.2239	.2273	.2336	160.
180.	.2683	.2659	.2672	.2646	.2657		.2631	.2599	.2616	.2622	.2611	.2636	.2627	180.
200.	.2857	.2867	.2876	.2890	.2877		.2817	.2869	.2845	.2832	.2821	.2872	.2940	200.
215.	.2866	.2837	.2872	.2869	.2860		.2825	.2838		.2869	.2890	.2932	.2958	215.
230.	.2577	.2577	.2570	.2578	.2604		.2558	.2583	.2595	.2611	.2626	.2647	.2657	230.
250.	.2183	.2168	.2138	.2125	.2147	.2127	.2133	.2129	.2134	.2155	.2134	.2140	.2110	250.
270.	.1967	.1972	.1936	.1922	.1955	.1962		.1952	.1941	.1921	.1887	.1890	.1921	270.
290.	.1921	.1932	.1915	.1873	.1892	.1874		.1904	.1891	.1871	.1859	.1832	.1869	290.
310.	.1945	.1971	.1949	.1911	.1905	.1892		.1894	.1881	.1851	.1843	.1884	.1912	310.
325.	.2008	.2038	.2046	.1991	.1973	.1974		.1950	.1954	.1940	.1937	.1973	.2023	325.
340.	.2140	.2176	.2161	.2145	.2166	.2185		.2141	.2140	.2160	.2159	.2178	.2295	340.
350.	.2296	.2337	.2358	.2355	.2346	.2326		.2318	.2329	.2357	.2358	.2366	.2406	350.
						FOR ALPHA = 2.49 DEG								
0.	.1899	.1912	.1911	.1841	.1889	.1891		.1885	.1865	.1912	.1916	.1914		0.
10.	.1441	.1446	.1469	.1449	.1450	.1430		.1486	.1408	.1435	.1440	.1433	.1448	10.
20.	.1108	.1109	.1106	.1089	.1104	.1116		.1099	.1097	.1115	.1127	.1134	.1204	20.
35.	.0984	.0988	.0996	.0958	.0953	.0968		.0954	.0959	.0956	.0954	.0969	.0995	35.
50.	.0952	.0947	.0932	.0901	.0903	.0903		.0912	.0906	.0892	.0887	.0907	.0924	50.
70.	.0931	.0919	.0911	.0884	.0899	.0893		.0908	.0897	.0885	.0875	.0856	.0877	70.
90.	.0943	.0934	.0917	.0901	.0922	.0937		.0923	.0910	.0899	.0869	.0872	.0891	90.
110.	.1068	.1055	.1044	.1024	.1035	.1017	.1020	.1019	.1013	.1021	.0995	.1003	.0988	110.
130.	.1510	.1514	.1509	.1499	.1505		.1466	.1490	.1494	.1506	.1510	.1533	.1537	130.
145.	.2188	.2163	.2185	.2163	.2146		.2089	.2101		.2109	.2129	.2173	.2200	145.
160.	.2744	.2735	.2730	.2722	.2715		.2235	.2678	.2649	.2644	.2626	.2662	.2739	160.
180.	.3157	.3128	.3142	.3113	.3125		.3098	.3061	.3082	.3086	.3073	.3102	.3091	180.
200.	.3298	.3304	.3317	.3334	.3321		.3219	.3316	.3297	.3268	.3256	.3308	.3389	200.
215.	.3188	.3150	.3185	.3190	.3176		.3138	.3153		.3190	.3214	.3261	.3283	215.
230.	.2687	.2687	.2671	.2679	.2702		.2661	.2690	.2711	.2732	.2746	.2778	.2785	230.
250.	.2132	.2110	.2073	.2055	.2077	.2058	.2066	.2062	.2063	.2080	.2057	.2066	.2042	250.
270.	.1868	.1877	.1840	.1820	.1849	.1849		.1845	.1829	.1810	.1775	.1781	.1809	270.
290.	.1806	.1807	.1799	.1762	.1781	.1760		.1784	.1769	.1745	.1729	.1707	.1743	290.
310.	.1814	.1823	.1799	.1763	.1758	.1743		.1749	.1740	.1712	.1703	.1745	.1769	310.
325.	.1856	.1867	.1866	.1813	.1796	.1797		.1767	.1771	.1759	.1754	.1790	.1840	325.
340.	.1898	.1917	.1903	.1885	.1905	.1922		.1883	.1882	.1901	.1904	.1914	.2009	340.
350.	.1963	.1981	.2010	.2009	.2006	.1984		.1979	.1978	.2011	.2014	.2002	.2049	350.

TABLE VI. - CONTINUED

(D) MACH = 4.50, BETA = 3.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 4.50 DEG								
0.	.1433	.1490	.1534	.1528	.1552	.1521	.1538	.1589	.1590	.1585	.1551	.1544	.1546	.1551
10.				.1179	.1186	.1204	.1226	.1209	.1174	.1165	.1167	.1157	.1152	.1153
20.		.1039	.1002	.0971	.0922	.0927	.0907	.0915	.0935	.0919	.0881	.0902	.0903	.0927
35.				.0782	.0779	.0808	.0835	.0816	.0811	.0846	.0840	.0850	.0834	.0844
50.	.0841	.0815	.0776	.0746	.0738	.0747	.0786	.0783	.0810	.0840	.0833	.0834	.0825	.0837
70.				.0746	.0758	.0781	.0828	.0814	.0809	.0798	.0817	.0842	.0834	.0824
90.	.0834	.0854	.0825	.0769	.0823	.0830	.0851	.0827	.0810	.0805	.0813	.0827	.0821	.0824
110.				.0933	.0981	.0984	.0983	.0951	.1000	.0959	.0963	.0936	.0977	.0983
130.				.1577	.1621	.1536	.1577	.1497	.1577	.1565	.1526	.1573	.1526	.1569
145.	.2670	.2424	.2511	.2556	.2537	.2533	.2491	.2435	.2474	.2442	.2426	.2448	.2449	.2428
160.				.3327	.3207	.3205	.3212	.3193	.3191	.3180	.3114	.3170	.3133	.3145
180.	.3383	.3664	.3713	.3659	.3682	.3674	.3672	.3663	.3645	.3633	.3629	.3608	.3621	.3614
200.				.3958	.3816	.3816	.3834	.3819	.3809	.3773	.3735	.3754	.3740	.3756
215.	.3645	.3500	.3571	.3624	.3574	.3560	.3581	.3564	.3558	.3465	.3484	.3531	.3507	.3472
230.				.2857	.2804	.2760	.2787	.2785	.2811	.2764	.2762	.2773	.2774	.2799
250.				.2053	.1979	.1969	.2034	.2036	.2035	.2028	.2017	.2018	.2043	.2045
270.	.1753	.1768	.1716	.1679	.1599	.1675	.1711	.1742	.1762	.1699	.1729	.1725	.1736	.1746
290.				.1562	.1517	.1577	.1647	.1657	.1654	.1655	.1665	.1688	.1689	.1685
310.	.1561	.1597	.1567	.1557	.1482	.1538	.1600	.1619	.1630	.1643	.1655	.1672	.1671	.1673
325.				.1559	.1483	.1509	.1520	.1616	.1658	.1643	.1613	.1638	.1631	.1635
340.		.1651	.1628	.1656	.1561	.1583	.1607	.1655	.1653	.1643	.1611	.1608	.1620	.1636
350.				.1643	.1634	.1594	.1613	.1651	.1649	.1640	.1617	.1616	.1634	.1634
						FOR ALPHA = 9.50 DEG								
0.	.0776	.0934	.0936	.0938	.0958	.0939	.0965	.0975	.0962	.0955	.0924	.0922	.0930	.0934
10.				.0670	.0691	.0674	.0682	.0687	.0664	.0671	.0652	.0620	.0643	.0665
20.		.0638	.0613	.0594	.0607	.0598	.0608	.0596	.0592	.0575	.0578	.0579	.0591	.0603
35.				.0537	.0541	.0556	.0579	.0576	.0587	.0590	.0573	.0574	.0576	.0588
50.	.0596	.0585	.0550	.0523	.0530	.0563	.0596	.0592	.0586	.0602	.0578	.0578	.0595	.0609
70.				.0517	.0548	.0588	.0603	.0574	.0556	.0557	.0580	.0593	.0604	.0602
90.	.0636	.0624	.0620	.0568	.0615	.0620	.0592	.0551	.0604	.0550	.0530	.0538	.0552	.0550
110.				.0790	.0815	.0802	.0816	.0759	.0797	.0801	.0775	.0770	.0818	.0813
130.				.1832	.1816	.1721	.1766	.1652	.1726	.1725	.1743	.1739	.1753	.1780
145.	.3560	.3179	.3327	.3374	.3295	.3303	.3225	.3236	.3235	.3158	.3146	.3163	.3146	.3109
160.				.4505	.4390	.4421	.4415	.4400	.4375	.4349	.4244	.4306	.4266	.4283
180.	.4710	.5075	.5107	.5096	.5122	.5103	.5094	.5085	.5052	.5024	.5007	.4979	.4975	.4948
200.				.5260	.5153	.5158	.5158	.5138	.5106	.5048	.4993	.5007	.4964	.4975
215.	.4726	.4430	.4544	.4627	.4548	.4543	.4504	.4495	.4467	.4365	.4348	.4361	.4342	.4317
230.				.3210	.3125	.3079	.3104	.3054	.3102	.3030	.3038	.3046	.3035	.3067
250.				.1902	.1873	.1893	.1872	.1844	.1864	.1847	.1819	.1822	.1850	.1861
270.	.1462	.1472	.1507	.1427	.1389	.1397	.1445	.1407	.1433	.1384	.1377	.1392	.1383	.1381
290.				.1249	.1234	.1319	.1352	.1323	.1328	.1330	.1348	.1366	.1363	.1352
310.	.1064	.1220	.1178	.1163	.1181	.1239	.1285	.1264	.1288	.1306	.1295	.1292	.1284	.1298
325.				.1138	.1145	.1176	.1200	.1208	.1228	.1210	.1201	.1223	.1209	.1213
340.		.0985	.1045	.1048	.1081	.1080	.1094	.1063	.1050	.1074	.1045	.1040	.1055	.1073
350.				.0972	.0960	.0948	.0950	.0963	.0973	.0967	.0934	.0929	.0952	.0963
						FOR ALPHA = 14.49 DEG								
0.	.0415	.0606	.0588	.0567	.0594	.0591	.0611	.0617	.0620	.0625	.0569	.0565	.0557	.0562
10.				.0360	.0367	.0356	.0358	.0345	.0346	.0357	.0336	.0333	.0347	.0353
20.		.0398	.0371	.0338	.0371	.0328	.0335	.0332	.0342	.0346	.0321	.0319	.0331	.0334
35.				.0315	.0329	.0350	.0372	.0364	.0373	.0360	.0335	.0344	.0356	.0359
50.	.0352	.0349	.0322	.0301	.0322	.0367	.0377	.0357	.0367	.0391	.0370	.0387	.0385	.0388
70.				.0281	.0325	.0364	.0345	.0321	.0338	.0316	.0337	.0332	.0371	.0372
90.	.0446	.0432	.0380	.0328	.0392	.0341	.0377	.0340	.0355	.0284	.0298	.0300	.0309	.0297
110.				.0786	.0784	.0752	.0792	.0708	.0732	.0713	.0693	.0706	.0745	.0758
130.				.2093	.2073	.2001	.2005	.1957	.2023	.1967	.1969	.1984	.1997	.2008
145.	.4575	.3971	.4228	.4314	.4145	.4183	.4067	.4087	.4058	.3939	.3903	.3923	.3921	.3874
160.				.5771	.5704	.5729	.5730	.5740	.5697	.5642	.5523	.5607	.5538	.5553
180.	.6189	.6604	.6515	.6646	.6695	.6666	.6648	.6655	.6625	.6609	.6575	.6530	.6511	.6474
200.				.6689	.6598	.6592	.6563	.6550	.6538	.6500	.6364	.6431	.6351	.6364
215.	.5804	.5350	.5434	.5659	.5534	.5512	.5440	.5433	.5409	.5298	.5278	.5307	.5274	.5211
230.				.3493	.3419	.3345	.3363	.3311	.3414	.3285	.3328	.3318	.3326	.3314
250.				.1827	.1806	.1735	.1720	.1712	.1707	.1698	.1677	.1672	.1682	.1673
270.	.1199	.1219	.1166	.1154	.1127	.1131	.1114	.1088	.1084	.1056	.1061	.1066	.1023	.1032
290.				.0900	.0984	.0992	.1020	.1019	.1006	.1004	.1020	.1051	.1048	.1056
310.	.0746	.0841	.0801	.0831	.0862	.0924	.0949	.0961	.0964	.0996	.0983	.0963	.0955	.0975
325.				.0727	.0800	.0815	.0867	.0856	.0875	.0845	.0825	.0813	.0806	.0811
340.		.0565	.0568	.0572	.0624	.0590	.0623	.0617	.0603	.0581	.0577	.0568	.0547	.0564
350.				.0462	.0496	.0474	.0495	.0454	.0469	.0483	.0457	.0454	.0443	.0445
						FOR ALPHA = 19.49 DEG								
0.	.0232	.0453	.0440	.0415	.0407	.0433	.0444	.0450	.0469	.0454	.0393	.0393	.0386	.0395
10.				.0196	.0196	.0177	.0182	.0164	.0166	.0166	.0154	.0159	.0165	.0175
20.		.0221	.0194	.0156	.0205	.0149	.0157	.0140	.0135	.0134	.0120	.0116	.0121	.0139
35.				.0120	.0151	.0148	.0184	.0147	.0142	.0162	.0147	.0132	.0139	.0151
50.	.0152	.0133	.0124	.0108	.0135	.0163	.0152	.0141	.0164	.0206	.0167	.0162	.0171	.0192
70.				.0130	.0176	.0152	.0182	.0150	.0137	.0125	.0146	.0147	.0146	.0153
90.	.0374	.0352	.0258	.0230	.0245	.0255	.0249	.0234	.0209	.0198	.0183	.0185	.0176	.0186
110.				.0756	.0804	.0763	.0716	.0704	.0711	.0709	.0693	.0696	.0709	.0724
130.				.2406	.2350	.2235	.2265	.2164	.2253	.2228	.2249	.2258	.2265	.2285
145.	.5662	.4852	.5144	.5100	.5019	.5050	.4908	.4950	.4898	.4783	.4770	.4812	.4805	.4727
160.				.7199	.7118	.7136	.7133	.7126	.7102	.7103	.6987	.7100	.7005	.6978
180.	.7787	.8264	.8240	.8312	.8369	.8345	.8331	.8355	.8345	.8348	.8323	.8288	.8246	.8165
200.				.8189	.8089	.8112	.8092	.8088	.8064	.8018	.7933	.7956	.7915	.7865
215.	.7018	.6311	.6530	.6699	.6495	.6517	.6414	.6434	.6393	.6278	.6246	.6270	.6272	.6202
230.				.3832	.3693	.3599	.3624	.3513	.3650	.3590	.3602	.3624	.3624	.3651
250.				.1682	.1697	.1637	.1640	.1639	.1613	.1631	.1576	.1596	.1624	.1637
270.	.1052	.1040	.0929	.0929	.0937	.0892	.0910	.0836	.0848	.0828	.0800	.0806	.0802	.0803
290.				.0726	.0701	.0766	.0763	.0720	.0739	.0735	.0725	.0755	.0744	.0770
310.	.0413	.0516	.0500	.0559	.0623	.0598	.0647	.0637	.0666	.0738	.0695	.0693	.0697	.0723
325.				.0415	.0454	.0530	.0496	.0547	.0524	.0515	.0513	.0503	.0512	.0505
340.		.0232	.0226	.0203	.0300	.0202	.0196	.0241	.0180	.0185	.0188	.0156	.0157	.0157
350.				.0169	.0179	.0146	.0154	.0146	.0130	.0130	.0107	.0101	.0108	.0118

TABLE VI. - CONTINUED

(O) MACH = 4.50, BETA = 3.01 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 4.50 DEG								
0.	.1573	.1596	.1597	.1501	.1577	.1581		.1567	.1519	.1581	.1579	.1573		0.
10.	.1167	.1183	.1206	.1192	.1195	.1181		.1235	.1159	.1184	.1184	.1175	.1188	10.
20.	.0938	.0952	.0949	.0933	.0948	.0958		.0944	.0942	.0957	.0961	.0965	.1026	20.
35.	.0868	.0876	.0885	.0847	.0844	.0860		.0845	.0848	.0844	.0842	.0856	.0880	35.
50.	.0839	.0844	.0833	.0805	.0812	.0812		.0824	.0817	.0804	.0798	.0816	.0829	50.
70.	.0831	.0833	.0828	.0800	.0816	.0809		.0826	.0815	.0803	.0794	.0775	.0794	70.
90.	.0856	.0844	.0831	.0816	.0839	.0853		.0840	.0826	.0815	.0787	.0791	.0806	90.
110.	.0995	.0996	.0972	.0953	.0973	.0955	.0956	.0951	.0940	.0942	.0918	.0925	.0908	110.
130.	.1576	.1575	.1569	.1557	.1567		.1528	.1556	.1556	.1571	.1573	.1596	.1601	130.
145.	.2431	.2401	.2430	.2414	.2395		.2348	.2361		.2366	.2388	.2437	.2464	145.
160.	.3142	.3143	.3146	.3150.	.3133		.2699	.3101	.3075	.3060	.3046	.3085	.3159	160.
180.	.3653	.3619	.3636	.3605	.3618		.3599	.3562	.3587	.3592	.3578	.3613	.3596	180.
200.	.3769	.3762	.3773	.3784	.3787		.3698	.3803	.3795	.3768	.3758	.3806	.3893	200.
215.	.3502	.3462	.3519	.3521	.3500		.3457	.3488		.3525	.3562	.3608	.3640	215.
230.	.2791	.2787	.2775	.2789	.2811		.2767	.2808	.2828	.2846	.2868	.2901	.2908	230.
250.	.2046	.2027	.1996	.1981	.2003	.1985	.1997	.1993	.1989	.2002	.1981	.1989	.1967	250.
270.	.1756	.1751	.1711	.1693	.1719	.1724		.1720	.1708	.1691	.1662	.1664	.1688	270.
290.	.1703	.1694	.1678	.1638	.1651	.1633		.1646	.1630	.1615	.1605	.1586	.1618	290.
310.	.1667	.1663	.1644	.1613	.1610	.1598		.1606	.1599	.1575	.1566	.1600	.1625	310.
325.	.1666	.1667	.1674	.1629	.1619	.1625		.1597	.1596	.1591	.1589	.1626	.1675	325.
340.	.1649	.1667	.1664	.1656	.1667	.1676		.1639	.1639	.1653	.1649	.1658	.1740	340.
350.	.1642	.1654	.1686	.1693	.1693	.1676		.1664	.1659	.1681	.1679	.1668	.1710	350.
						FOR ALPHA = 9.50 DEG								
0.	.0948	.1007	.1013	.0816	.0964	.0964		.0932	.0814	.0936	.0934	.0922		0.
10.	.0682	.0693	.0711	.0690	.0702	.0694		.0679	.0654	.0677	.0678	.0664	.0676	10.
20.	.0616	.0620	.0620	.0607	.0621	.0629		.0610	.0605	.0616	.0614	.0607	.0645	20.
35.	.0615	.0616	.0623	.0599	.0602	.0624		.0591	.0593	.0586	.0584	.0589	.0611	35.
50.	.0616	.0615	.0608	.0588	.0593	.0595		.0594	.0594	.0581	.0573	.0578	.0592	50.
70.	.0618	.0615	.0617	.0597	.0610	.0603		.0605	.0600	.0591	.0580	.0563	.0579	70.
90.	.0587	.0568	.0557	.0550	.0571	.0584		.0576	.0572	.0568	.0544	.0540	.0550	90.
110.	.0833	.0821	.0808	.0794	.0805	.0781	.0778	.0770	.0758	.0760	.0724	.0732	.0718	110.
130.	.1774	.1770	.1754	.1741	.1755		.1720	.1760	.1760	.1777	.1774	.1797	.1803	130.
145.	.3104	.3070	.3115	.3113	.3097		.3048	.3058		.3061	.3091	.3146	.3179	145.
160.	.4268	.4274	.4291	.4307	.4292		.4137	.4240	.4217	.4193	.4180	.4222	.4314	160.
180.	.4990	.4959	.4987	.4964	.4986		.4966	.4931	.4966	.4973	.4951	.4990	.4969	180.
200.	.4978	.4999	.5006	.5019	.5037		.4614	.5015	.5006	.5004	.4993	.5086	.5183	200.
215.	.4328	.4303	.4330	.4346	.4342		.4311	.4326		.4362	.4412	.4485	.4527	215.
230.	.3070	.3041	.3041	.3056	.3082		.3057	.3112	.3131	.3161	.3172	.3198	.3209	230.
250.	.1853	.1845	.1804	.1794	.1815	.1793	.1801	.1790	.1785	.1794	.1758	.1770	.1743	250.
270.	.1397	.1389	.1365	.1342	.1373	.1386		.1394	.1381	.1373	.1340	.1344	.1367	270.
290.	.1363	.1362	.1347	.1313	.1324	.1318		.1334	.1324	.1308	.1300	.1284	.1310	290.
310.	.1298	.1298	.1288	.1248	.1246	.1246		.1259	.1254	.1239	.1230	.1250	.1272	310.
325.	.1242	.1234	.1228	.1186	.1181	.1202		.1177	.1175	.1167	.1165	.1190	.1228	325.
340.	.1087	.1090	.1089	.1065	.1076	.1082		.1062	.1054	.1069	.1064	.1064	.1125	340.
350.	.0983	.0993	.1012	.0992	.1003	.0993		.0974	.0954	.0979	.0977	.0968	.1000	350.
						FOR ALPHA = 14.49 DEG								
0.	.0573	.0660	.0666	.0385	.0573	.0587		.0543	.0393	.0552	.0553	.0550		0.
10.	.0362	.0359	.0370	.0341	.0375	.0379		.0381	.0338	.0364	.0368	.0362	.0380	10.
20.	.0352	.0347	.0351	.0334	.0356	.0361		.0336	.0326	.0343	.0341	.0341	.0374	20.
35.	.0387	.0372	.0375	.0356	.0366	.0387		.0343	.0342	.0341	.0342	.0350	.0367	35.
50.	.0401	.0391	.0387	.0369	.0377	.0383		.0373	.0372	.0366	.0360	.0367	.0380	50.
70.	.0398	.0385	.0385	.0377	.0397	.0392		.0381	.0374	.0369	.0360	.0353	.0364	70.
90.	.0343	.0304	.0292	.0291	.0305	.0299		.0271	.0266	.0265	.0266	.0242	.0247	90.
110.	.0762	.0746	.0719	.0696	.0700	.0678	.0681	.0674	.0665	.0670	.0640	.0649	.0636	110.
130.	.1997	.2005	.2000	.1990	.1995		.1959	.2009	.2008	.2026	.2023	.2053	.2058	130.
145.	.3868	.3829	.3877	.3878	.3856		.3803	.3823		.3811	.3859	.3908	.3952	145.
160.	.5515	.5519	.5532	.5573	.5567		.5081	.5495	.5463	.5444	.5434	.5472	.5581	160.
180.	.6521	.6448	.6489	.6476	.6512		.6476	.6421	.6466	.6476	.6454	.6500	.6464	180.
200.	.6340	.6342	.6364	.6416	.6405		.5972	.6401	.6387	.6356	.6357	.6417	.6527	200.
215.	.5202	.5140	.5221	.5250	.5237		.5183	.5229		.5247	.5309	.5365	.5398	215.
230.	.3327	.3328	.3328	.3336	.3365		.3314	.3383	.3387	.3422	.3435	.3468	.3466	230.
250.	.1711	.1676	.1663	.1669	.1687	.1666	.1664	.1649	.1635	.1642	.1603	.1612	.1584	250.
270.	.1053	.1028	.1018	.0990	.1024	.1027		.1034	.1025	.1027	.1003	.1006	.1020	270.
290.	.1057	.1060	.1057	.1039	.1055	.1045		.1051	.1043	.1033	.1029	.1020	.1045	290.
310.	.0974	.0968	.0960	.0930	.0940	.0946		.0948	.0943	.0933	.0929	.0949	.0968	310.
325.	.0834	.0833	.0828	.0794	.0800	.0830		.0792	.0785	.0776	.0774	.0793	.0825	325.
340.	.0569	.0572	.0573	.0551	.0570	.0573		.0566	.0560	.0583	.0581	.0580	.0620	340.
350.	.0470	.0473	.0481	.0453	.0486	.0488		.0480	.0450	.0478	.0483	.0482	.0511	350.
						FOR ALPHA = 19.49 DEG								
0.	.0405	.0495	.0499	.0183	.0392	.0423		.0360	.0184	.0364	.0364	.0357		0.
10.	.0188	.0189	.0194	.0165	.0201	.0208		.0197	.0154	.0182	.0182	.0180	.0206	10.
20.	.0147	.0145	.0149	.0140	.0163	.0169		.0146	.0139	.0155	.0154	.0152	.0174	20.
35.	.0154	.0146	.0153	.0149	.0158	.0179		.0139	.0135	.0131	.0132	.0141	.0152	35.
50.	.0181	.0178	.0184	.0176	.0191	.0198		.0174	.0174	.0170	.0166	.0176	.0188	50.
70.	.0159	.0163	.0160	.0159	.0170	.0157		.0148	.0143	.0141	.0137	.0138	.0144	70.
90.	.0232	.0161	.0146	.0144	.0156	.0197		.0129	.0125	.0125	.0147	.0112	.0114	90.
110.	.0705	.0688	.0665	.0636	.0637	.0625	.0622	.0615	.0608	.0616	.0591	.0606	.0593	110.
130.	.2267	.2266	.2252	.2247	.2262		.2221	.2265	.2264	.2291	.2295	.2322	.2312	130.
145.	.4697	.4639	.4687	.4689	.4672		.4602	.4625		.4604	.4658	.4710	.4749	145.
160.	.6928	.6904	.6902	.6913	.6906		.6579	.6858	.6838	.6799	.6790	.6831	.6946	160.
180.	.8199	.8093	.8091	.8005	.8027		.8062	.8020	.8111	.8115	.8104	.8151	.8118	180.
200.	.7826	.7786	.7774	.7736	.7746		.7525	.7775	.7797	.7790	.7808	.7873	.7983	200.
215.	.6155	.6104	.6126	.6135	.6112		.6079	.6124		.6167	.6241	.6312	.6350	215.
230.	.3638	.3634	.3625	.3620	.3645		.3585	.3664	.3673	.3713	.3720	.3758	.3755	230.
250.	.1626	.1608	.1581	.1564	.1564	.1541	.1542	.1527	.1517	.1521	.1481	.1496	.1479	250.
270.	.0811	.0777	.0752	.0724	.0740	.0745		.0727	.0717	.0714	.0690	.0684	.0698	270.
290.	.0778	.0796	.0792	.0775	.0788	.0782		.0781	.0779	.0771	.0769	.0755	.0775	290.
310.	.0721	.0702	.0724	.0687	.0691	.0706		.0703	.0694	.0687	.0684	.0694	.0717	310.
325.	.0528	.0510	.0516	.0494	.0507	.0541		.0510	.0497	.0486	.0483	.0491	.0514	325.
340.	.0172	.0165	.0175	.0157	.0180	.0187		.0163	.0164	.0193	.0197	.0189	.0214	340.
350.	.0128	.0129	.0140	.0117	.0157	.0167		.0160	.0113	.0139	.0143	.0136	.0166	350.

TABLE VI. - CONTINUED

(P) MACH = 4.50, BETA = 5.01 DEG

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = -5.49 DEG								
0.	.3521	.3456	.3471	.3552	.3608	.3618	.3649	.3659	.3653	.3634	.3596	.3576	.3565	.3560
10.				.2590	.2576	.2691	.2690	.2663	.2613	.2596	.2562	.2543	.2514	.2510
20.		.1983	.1858	.1795	.1654	.1612	.1586	.1561	.1536	.1526	.1491	.1500	.1485	.1493
35.				.1051	.1043	.1065	.1100	.1105	.1122	.1107	.1073	.1103	.1093	.1097
50.	.1180	.1030	.0982	.0947	.0941	.1000	.1038	.1005	.1034	.1045	.1030	.1027	.1023	.1031
70.				.0876	.0907	.0965	.1017	.0973	.0978	.0975	.0987	.0990	.0981	.0974
90.	.0876	.0882	.0889	.0859	.0892	.0919	.0937	.0923	.0940	.0937	.0955	.0962	.0943	.0934
110.				.0842	.0871	.0872	.0882	.0861	.0880	.0874	.0882	.0891	.0911	.0924
130.				.0926	.0956	.0942	.0955	.0908	.0921	.0910	.0916	.0918	.0919	.0931
145.	.1106	.1059	.1068	.1063	.1074	.1062	.1066	.1059	.1044	.0999	.1009	.1047	.1043	.1034
160.				.1410	.1228	.1232	.1219	.1222	.1211	.1205	.1176	.1196	.1187	.1187
180.	.1393	.1478	.1476	.1499	.1480	.1485	.1474	.1480	.1482	.1459	.1456	.1460	.1462	.1453
200.				.1969	.1816	.1842	.1829	.1831	.1847	.1796	.1788	.1801	.1814	.1816
215.	.2151	.2175	.2113	.2165	.2214	.2188	.2159	.2214	.2203	.2154	.2180	.2191	.2180	.2166
230.				.2486	.2534	.2531	.2531	.2520	.2505	.2492	.2490	.2489	.2492	.2511
250.				.2556	.2578	.2635	.2655	.2651	.2659	.2641	.2624	.2621	.2655	.2671
270.	.2604	.2588	.2584	.2547	.2595	.2689	.2724	.2741	.2744	.2711	.2704	.2729	.2697	.2670
290.				.2569	.2582	.2723	.2786	.2770	.2776	.2744	.2758	.2768	.2740	.2714
310.	.2942	.2771	.2745	.2658	.2659	.2800	.2898	.2862	.2865	.2882	.2840	.2816	.2800	.2810
325.				.2872	.2841	.2918	.2977	.3019	.3032	.3000	.2957	.2986	.2936	.2931
340.		.3588	.3417	.3467	.3404	.3378	.3420	.3427	.3423	.3414	.3353	.3344	.3320	.3330
350.				.3791	.3794	.3873	.3874	.3856	.3850	.3824	.3787	.3752	.3734	.3724
						FOR ALPHA = -1.50 DEG								
0.	.2585	.2542	.2573	.2586	.2636	.2639	.2662	.2672	.2673	.2668	.2650	.2646	.2648	.2653
10.				.1814	.1847	.1927	.1926	.1902	.1872	.1854	.1838	.1830	.1807	.1809
20.		.1462	.1347	.1317	.1230	.1178	.1162	.1143	.1132	.1127	.1099	.1103	.1093	.1108
35.				.0862	.0819	.0858	.0889	.0884	.0893	.0895	.0882	.0892	.0868	.0876
50.	.0961	.0873	.0825	.0774	.0789	.0832	.0867	.0836	.0843	.0875	.0863	.0851	.0842	.0855
70.				.0758	.0785	.0827	.0841	.0817	.0833	.0831	.0846	.0856	.0841	.0832
90.	.0825	.0799	.0770	.0756	.0789	.0801	.0810	.0801	.0826	.0828	.0836	.0846	.0831	.0825
110.				.0812	.0837	.0871	.0888	.0867	.0875	.0865	.0859	.0855	.0868	.0877
130.				.1034	.1093	.1050	.1097	.1004	.1072	.1063	.1032	.1039	.1018	.1052
145.	.1553	.1403	.1434	.1487	.1458	.1478	.1431	.1449	.1444	.1395	.1407	.1426	.1411	.1402
160.				.1972	.1836	.1841	.1832	.1818	.1834	.1836	.1791	.1817	.1794	.1791
180.	.2059	.2205	.2240	.2244	.2233	.2237	.2230	.2252	.2246	.2247	.2236	.2220	.2236	.2221
200.				.2694	.2612	.2597	.2635	.2648	.2658	.2621	.2604	.2606	.2598	.2595
215.	.2825	.2803	.2789	.2813	.2881	.2858	.2868	.2882	.2894	.2835	.2846	.2860	.2849	.2836
230.				.2829	.2868	.2861	.2878	.2865	.2866	.2837	.2841	.2840	.2840	.2855
250.				.2549	.2571	.2636	.2635	.2631	.2650	.2604	.2588	.2595	.2638	.2641
270.	.2493	.2450	.2427	.2382	.2400	.2484	.2507	.2504	.2509	.2463	.2469	.2485	.2465	.2450
290.				.2327	.2339	.2404	.2401	.2434	.2500	.2453	.2473	.2474	.2453	.2425
310.	.2509	.2455	.2423	.2386	.2339	.2408	.2500	.2472	.2477	.2492	.2483	.2463	.2462	.2480
325.				.2478	.2455	.2505	.2554	.2576	.2598	.2555	.2530	.2580	.2544	.2537
340.		.2881	.2805	.2781	.2756	.2712	.2758	.2766	.2774	.2767	.2724	.2733	.2741	.2763
350.				.2884	.2896	.2948	.2941	.2921	.2922	.2916	.2895	.2899	.2914	.2902
						FOR ALPHA = -.50 DEG								
0.	.2367	.2331	.2371	.2362	.2405	.2420	.2450	.2462	.2463	.2463	.2444	.2444	.2438	.2436
10.				.1633	.1687	.1739	.1761	.1743	.1710	.1698	.1666	.1667	.1666	.1664
20.		.1343	.1234	.1221	.1120	.1102	.1067	.1061	.1052	.1046	.1009	.1015	.1023	.1037
35.				.0826	.0777	.0819	.0832	.0828	.0833	.0842	.0823	.0846	.0847	.0848
50.	.0898	.0829	.0784	.0738	.0740	.0791	.0817	.0790	.0811	.0803	.0805	.0811	.0819	.0829
70.				.0728	.0743	.0780	.0805	.0779	.0794	.0777	.0795	.0803	.0807	.0802
90.	.0796	.0769	.0746	.0731	.0758	.0778	.0797	.0779	.0792	.0785	.0794	.0799	.0807	.0806
110.				.0784	.0854	.0849	.0855	.0863	.0838	.0818	.0823	.0829	.0855	.0863
130.				.1102	.1055	.1115	.1063	.1085	.1092	.1055	.1036	.1073	.1058	.1079
145.	.1680	.1501	.1540	.1593	.1564	.1595	.1576	.1541	.1528	.1501	.1505	.1520	.1529	.1514
160.				.2140	.2009	.2012	.2009	.1987	.1998	.1975	.1958	.1998	.1988	.1977
180.	.2254	.2423	.2460	.2454	.2448	.2448	.2440	.2449	.2446	.2456	.2459	.2436	.2444	.2437
200.				.2905	.2827	.2833	.2815	.2830	.2843	.2843	.2799	.2819	.2782	.2792
215.	.3013	.2980	.2971	.2999	.3064	.3039	.3037	.3045	.3052	.3017	.3031	.3041	.3011	.2991
230.				.2927	.2951	.2939	.2954	.2928	.2932	.2916	.2918	.2915	.2906	.2916
250.				.2547	.2568	.2603	.2622	.2613	.2607	.2599	.2577	.2567	.2575	.2589
270.	.2444	.2407	.2395	.2341	.2345	.2425	.2453	.2434	.2434	.2411	.2411	.2428	.2393	.2378
290.				.2261	.2267	.2342	.2367	.2393	.2411	.2392	.2415	.2415	.2371	.2339
310.	.2417	.2379	.2321	.2299	.2258	.2343	.2392	.2371	.2396	.2435	.2415	.2395	.2368	.2391
325.				.2378	.2343	.2405	.2474	.2455	.2463	.2471	.2432	.2479	.2444	.2441
340.		.2707	.2650	.2612	.2588	.2588	.2607	.2613	.2626	.2631	.2593	.2596	.2584	.2604
350.				.2664	.2673	.2718	.2728	.2711	.2727	.2727	.2713	.2707	.2702	.2684
						FOR ALPHA = .49 DEG								
0.	.2152	.2132	.2172	.2160	.2191	.2228	.2243	.2261	.2266	.2265	.2253	.2243	.2228	.2221
10.				.1497	.1520	.1553	.1571	.1590	.1555	.1550	.1538	.1529	.1510	.1513
20.		.1230	.1123	.1130	.0998	.1048	.0991	.0975	.0945	.0953	.0946	.0944	.0941	.0952
35.				.0771	.0736	.0775	.0777	.0780	.0773	.0766	.0778	.0810	.0793	.0800
50.	.0832	.0784	.0741	.0697	.0696	.0747	.0778	.0749	.0759	.0785	.0757	.0765	.0769	.0780
70.				.0686	.0704	.0729	.0761	.0735	.0741	.0749	.0761	.0769	.0764	.0758
90.	.0760	.0741	.0730	.0702	.0733	.0746	.0761	.0736	.0750	.0767	.0769	.0781	.0771	.0766
110.				.0762	.0816	.0829	.0838	.0807	.0807	.0811	.0822	.0819	.0825	.0828
130.				.1151	.1086	.1087	.1132	.1103	.1124	.1054	.1112	.1053	.1086	.1101
145.	.1808	.1600	.1651	.1699	.1684	.1666	.1685	.1672	.1658	.1606	.1621	.1632	.1628	.1619
160.				.2312	.2183	.2187	.2189	.2175	.2171	.2154	.2136	.2195	.2164	.2158
180.	.2457	.2647	.2692	.2673	.2662	.2672	.2661	.2666	.2663	.2670	.2682	.2657	.2666	.2652
200.				.3139	.3058	.3067	.3057	.3049	.3054	.3053	.3010	.3036	.3005	.3016
215.	.3198	.3157	.3157	.3194	.3252	.3226	.3219	.3222	.3217	.3182	.3189	.3206	.3184	.3164
230.				.3016	.3037	.3017	.3027	.2999	.3004	.2988	.2982	.2972	.2966	.2986
250.				.2545	.2543	.2600	.2575	.2556	.2575	.2574	.2538	.2530	.2545	.2561
270.	.2387	.2366	.2353	.2281	.2289	.2355	.2382	.2379	.2376	.2365	.2354	.2366	.2331	.2313
290.				.2189	.2206	.2289	.2329	.2313	.2317	.2325	.2350	.2348	.2304	.2275
310.	.2322	.2303	.2218	.2211	.2165	.2272	.2314	.2304	.2325	.2353	.2325	.2309	.2290	.2301
325.				.2283	.2237	.2301	.2370	.2386	.2369	.2343	.2336	.2372	.2329	.2332
340.		.2530	.2483	.2456	.2434	.2436	.2474	.2485	.2485	.2487	.2458	.2453	.2442	.2455
350.				.2466	.2465	.2512	.2538	.2520	.2532	.2535	.2524	.2511	.2499	.2479

TABLE VI. - CONTINUED

(P) MACH = 4.50, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = -5.49 DEG								
0.	.3585	.3585	.3587	.3593	.3583	.3575		.3543	.3571	.3576	.3586	.3597		0.
10.	.2532	.2549	.2574	.2554	.2542	.2507		.2473	.2472	.2496	.2503	.2505	.2543	10.
20.	.1497	.1529	.1522	.1500	.1521	.1533		.1506	.1523	.1544	.1561	.1581	.1689	20.
35.	.1121	.1145	.1148	.1098	.1090	.1099		.1074	.1082	.1077	.1070	.1086	.1111	35.
50.	.1044	.1062	.1043	.1005	.1011	.1008		.1001	.0991	.0975	.0965	.0988	.1011	50.
70.	.0979	.0983	.0968	.0928	.0946	.0944		.0957	.0946	.0938	.0928	.0910	.0935	70.
90.	.0951	.0942	.0923	.0899	.0929	.0936		.0918	.0909	.0902	.0866	.0877	.0897	90.
110.	.0929	.0927	.0912	.0893	.0913	.0893	.0896	.0889	.0891	.0901	.0883	.0895	.0880	110.
130.	.0934	.0935	.0931	.0929	.0947		.0927	.0932	.0940	.0946	.0945	.0963	.0962	130.
145.	.1042	.1026	.1033	.1023	.1027		.0998	.1015		.1035	.1041	.1071	.1085	145.
160.	.1181	.1177	.1182	.1171	.1173		.0971	.1170	.1157	.1167	.1163	.1190	.1231	160.
180.	.1469	.1448	.1455	.1433	.1442		.1435	.1419	.1428	.1440	.1440	.1456	.1461	180.
200.	.1838	.1845	.1849	.1844	.1832		.2144	.1835	.1806	.1819	.1807	.1844	.1902	200.
215.	.2203	.2187	.2211	.2216	.2214		.2185	.2188		.2214	.2215	.2252	.2276	215.
230.	.2520	.2510	.2497	.2510	.2532		.2492	.2499	.2513	.2517	.2529	.2557	.2564	230.
250.	.2693	.2685	.2651	.2634	.2656	.2630	.2624	.2613	.2628	.2647	.2627	.2641	.2608	250.
270.	.2701	.2703	.2660	.2644	.2689	.2672		.2657	.2641	.2617	.2569	.2575	.2621	270.
290.	.2725	.2737	.2705	.2654	.2677	.2654		.2695	.2680	.2657	.2646	.2609	.2663	290.
310.	.2814	.2844	.2811	.2769	.2772	.2753		.2769	.2759	.2726	.2710	.2769	.2803	310.
325.	.2966	.3008	.3014	.2958	.2941	.2943		.2928	.2950	.2937	.2924	.2970	.3014	325.
340.	.3338	.3378	.3374	.3371	.3406	.3415		.3391	.3397	.3413	.3402	.3414	.3569	340.
350.	.3742	.3784	.3825	.3844	.3830	.3798		.3756	.3759	.3782	.3774	.3771	.3827	350.
						FOR ALPHA = -1.50 DEG								
0.	.2668	.2664	.2654	.2621	.2628	.2625		.2617	.2636	.2658	.2671	.2677		0.
10.	.1827	.1849	.1867	.1843	.1832	.1807		.1792	.1792	.1818	.1824	.1817	.1837	10.
20.	.1115	.1146	.1143	.1122	.1140	.1152		.1138	.1149	.1170	.1186	.1195	.1279	20.
35.	.0905	.0935	.0943	.0905	.0900	.0913		.0894	.0898	.0895	.0890	.0899	.0924	35.
50.	.0866	.0884	.0873	.0843	.0847	.0844		.0845	.0836	.0822	.0813	.0827	.0848	50.
70.	.0838	.0844	.0831	.0796	.0810	.0805		.0822	.0811	.0800	.0790	.0771	.0793	70.
90.	.0850	.0838	.0819	.0801	.0822	.0829		.0814	.0803	.0794	.0763	.0772	.0789	90.
110.	.0883	.0877	.0860	.0844	.0861	.0849	.0854	.0856	.0853	.0862	.0842	.0852	.0836	110.
130.	.1059	.1067	.1061	.1048	.1063		.1039	.1054	.1058	.1066	.1063	.1082	.1082	130.
145.	.1402	.1379	.1389	.1371	.1371		.1341	.1358		.1373	.1381	.1420	.1434	145.
160.	.1780	.1771	.1768	.1753	.1752		.1374	.1735	.1715	.1720	.1714	.1746	.1803	160.
180.	.2231	.2198	.2202	.2173	.2178		.2162	.2139	.2154	.2162	.2156	.2181	.2179	180.
200.	.2601	.2609	.2619	.2621	.2605		.2631	.2604	.2578	.2574	.2560	.2616	.2690	200.
215.	.2850	.2842	.2851	.2861	.2855		.2824	.2828		.2857	.2877	.2939	.2961	215.
230.	.2854	.2849	.2836	.2852	.2878		.2832	.2847	.2867	.2876	.2894	.2924	.2929	230.
250.	.2640	.2627	.2590	.2581	.2603	.2580	.2585	.2575	.2590	.2614	.2595	.2609	.2570	250.
270.	.2473	.2475	.2435	.2421	.2463	.2461		.2450	.2435	.2415	.2374	.2376	.2413	270.
290.	.2435	.2438	.2416	.2379	.2405	.2383		.2419	.2406	.2382	.2364	.2336	.2381	290.
310.	.2477	.2500	.2473	.2439	.2437	.2418		.2428	.2418	.2378	.2361	.2414	.2448	310.
325.	.2572	.2600	.2608	.2556	.2534	.2531		.2503	.2514	.2494	.2486	.2531	.2583	325.
340.	.2762	.2785	.2765	.2759	.2777	.2796		.2740	.2744	.2758	.2753	.2769	.2904	340.
350.	.2911	.2928	.2957	.2962	.2946	.2906		.2883	.2901	.2943	.2947	.2946	.3012	350.
						FOR ALPHA = -.50 DEG								
0.	.2451	.2448	.2436	.2403	.2422	.2422		.2409	.2423	.2453	.2463	.2464		0.
10.	.1680	.1689	.1706	.1683	.1679	.1659		.1730	.1640	.1668	.1673	.1662	.1675	10.
20.	.1048	.1062	.1060	.1040	.1059	.1072		.1064	.1072	.1090	.1102	.1106	.1184	20.
35.	.0869	.0885	.0893	.0858	.0856	.0871		.0850	.0857	.0852	.0847	.0853	.0874	35.
50.	.0839	.0847	.0835	.0806	.0810	.0811		.0807	.0798	.0781	.0774	.0786	.0803	50.
70.	.0813	.0806	.0797	.0768	.0781	.0775		.0788	.0779	.0767	.0756	.0736	.0755	70.
90.	.0824	.0810	.0789	.0769	.0793	.0806		.0784	.0774	.0767	.0735	.0742	.0755	90.
110.	.0860	.0858	.0842	.0826	.0846	.0830	.0836	.0837	.0831	.0839	.0816	.0826	.0812	110.
130.	.1088	.1092	.1084	.1072	.1087		.1061	.1078	.1083	.1093	.1089	.1106	.1105	130.
145.	.1508	.1482	.1495	.1477	.1474		.1439	.1458		.1471	.1482	.1518	.1535	145.
160.	.1957	.1946	.1939	.1930	.1926		.1400	.1905	.1887	.1888	.1875	.1906	.1966	160.
180.	.2454	.2418	.2417	.2392	.2396		.2374	.2345	.2363	.2370	.2362	.2389	.2384	180.
200.	.2810	.2814	.2824	.2836	.2817		.2874	.2815	.2790	.2782	.2773	.2824	.2900	200.
215.	.3016	.3006	.3018	.3034	.3030		.2995	.2999		.3027	.3043	.3099	.3114	215.
230.	.2929	.2921	.2920	.2939	.2957		.2913	.2940	.2950	.2966	.2982	.3006	.3022	230.
250.	.2610	.2601	.2572	.2562	.2587	.2562	.2570	.2562	.2571	.2595	.2574	.2589	.2555	250.
270.	.2415	.2418	.2379	.2366	.2404	.2402		.2397	.2380	.2356	.2322	.2322	.2362	270.
290.	.2352	.2368	.2353	.2315	.2340	.2322		.2352	.2332	.2308	.2296	.2265	.2313	290.
310.	.2393	.2421	.2399	.2362	.2360	.2345		.2346	.2330	.2294	.2282	.2325	.2364	310.
325.	.2475	.2504	.2509	.2458	.2435	.2431		.2397	.2405	.2390	.2384	.2425	.2481	325.
340.	.2605	.2633	.2610	.2605	.2623	.2645		.2587	.2592	.2609	.2608	.2618	.2749	340.
350.	.2690	.2713	.2743	.2753	.2741	.2711		.2692	.2703	.2746	.2755	.2749	.2810	350.
						FOR ALPHA = .49 DEG								
0.	.2238	.2247	.2235	.2188	.2218	.2222		.2210	.2216	.2250	.2258	.2255		0.
10.	.1527	.1532	.1554	.1545	.1522	.1518		.1596	.1489	.1524	.1523	.1509	.1522	10.
20.	.0966	.0983	.0976	.0954	.0978	.0990		.0984	.1000	.1014	.1029	.1032	.1107	20.
35.	.0829	.0847	.0852	.0817	.0812	.0827		.0801	.0807	.0802	.0798	.0809	.0827	35.
50.	.0792	.0804	.0793	.0767	.0773	.0770		.0765	.0758	.0739	.0731	.0744	.0759	50.
70.	.0768	.0772	.0762	.0735	.0746	.0740		.0750	.0740	.0729	.0721	.0704	.0719	70.
90.	.0787	.0772	.0753	.0735	.0754	.0760		.0750	.0741	.0732	.0704	.0710	.0725	90.
110.	.0837	.0838	.0821	.0811	.0821	.0803	.0810	.0808	.0803	.0810	.0788	.0797	.0782	110.
130.	.1113	.1112	.1106	.1094	.1100		.1079	.1098	.1103	.1112	.1112	.1132	.1132	130.
145.	.1617	.1585	.1601	.1584	.1576		.1538	.1562		.1571	.1586	.1621	.1641	145.
160.	.2143	.2130	.2119	.2107	.2104		.1508	.2078	.2059	.2058	.2049	.2077	.2137	160.
180.	.2681	.2646	.2648	.2615	.2618		.2594	.2563	.2581	.2586	.2580	.2608	.2603	180.
200.	.3031	.3040	.3045	.3057	.3043		.3056	.3043	.3018	.3006	.2993	.3051	.3124	200.
215.	.3188	.3176	.3190	.3197	.3194		.3163	.3175		.3206	.3230	.3282	.3306	215.
230.	.3000	.2993	.2982	.3003	.3018		.2992	.3019	.3037	.3056	.3071	.3100	.3099	230.
250.	.2590	.2575	.2546	.2533	.2560	.2542	.2547	.2542	.2549	.2572	.2552	.2565	.2532	250.
270.	.2356	.2359	.2321	.2305	.2343	.2342		.2337	.2325	.2302	.2263	.2266	.2304	270.
290.	.2285	.2298	.2281	.2240	.2264	.2247		.2280	.2263	.2239	.2225	.2199	.2244	290.
310.	.2302	.2335	.2310	.2277	.2274	.2259		.2261	.2252	.2214	.2200	.2249	.2278	310.
325.	.2376	.2410	.2413	.2354	.2328	.2328		.2299	.2307	.2287	.2282	.2326	.2383	325.
340.	.2461	.2487	.2465	.2454	.2471	.2491		.2442	.2447	.2464	.2459	.2478	.2596	340.
350.	.2485	.2511	.2542	.2553	.2540	.2520		.2462	.2517	.2555	.2564	.2556	.2608	350.

TABLE VI. - CONTINUED

(P) MACH = 4.50, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 1.50 DEG								
0.	.1944	.1943	.1978	.1987	.1999	.2035	.2044	.2073	.2074	.2072	.2047	.2037	.2026	.2025
10.				.1366	.1387	.1385	.1430	.1443	.1392	.1417	.1377	.1371	.1351	.1360
20.		.1123	.1026	.1031	.0915	.0967	.0922	.0904	.0879	.0878	.0842	.0867	.0842	.0866
35.				.0712	.0690	.0725	.0739	.0729	.0738	.0728	.0728	.0738	.0740	.0748
50.	.0771	.0741	.0703	.0661	.0665	.0703	.0735	.0716	.0721	.0730	.0711	.0714	.0718	.0729
70.				.0649	.0658	.0669	.0696	.0693	.0704	.0688	.0707	.0721	.0715	.0708
90.	.0726	.0721	.0713	.0678	.0695	.0690	.0725	.0742	.0730	.0685	.0700	.0723	.0723	.0723
110.				.0753	.0805	.0789	.0811	.0756	.0794	.0755	.0777	.0753	.0783	.0799
130.				.1164	.1179	.1077	.1143	.1100	.1085	.1126	.1068	.1098	.1107	.1118
145.	.1945	.1715	.1777	.1819	.1794	.1794	.1751	.1757	.1779	.1710	.1717	.1741	.1743	.1723
160.				.2492	.2368	.2371	.2373	.2371	.2357	.2357	.2307	.2360	.2338	.2337
180.	.2669	.2882	.2930	.2903	.2899	.2911	.2905	.2901	.2897	.2889	.2895	.2890	.2899	.2886
200.				.3386	.3306	.3306	.3292	.3289	.3291	.3270	.3219	.3266	.3243	.3252
215.	.3380	.3335	.3348	.3404	.3450	.3422	.3409	.3407	.3400	.3343	.3355	.3380	.3365	.3341
230.				.3110	.3120	.3088	.3103	.3068	.3077	.3046	.3043	.3041	.3039	.3055
250.				.2530	.2548	.2558	.2556	.2568	.2575	.2520	.2522	.2506	.2538	.2545
270.	.2321	.2322	.2292	.2220	.2191	.2285	.2320	.2299	.2333	.2283	.2290	.2306	.2273	.2261
290.				.2123	.2137	.2213	.2259	.2231	.2230	.2241	.2266	.2276	.2251	.2217
310.	.2211	.2209	.2126	.2113	.2081	.2129	.2214	.2213	.2240	.2265	.2248	.2241	.2224	.2238
325.				.2186	.2137	.2217	.2257	.2263	.2277	.2253	.2229	.2275	.2236	.2233
340.		.2352	.2312	.2304	.2284	.2294	.2332	.2336	.2339	.2335	.2303	.2299	.2284	.2297
350.				.2265	.2276	.2326	.2347	.2336	.2346	.2342	.2322	.2311	.2302	.2290
						FOR ALPHA = 2.50 DEG								
0.	.1749	.1769	.1802	.1812	.1837	.1840	.1869	.1898	.1893	.1890	.1860	.1852	.1847	.1846
10.				.1236	.1283	.1238	.1296	.1274	.1297	.1260	.1258	.1243	.1219	.1222
20.		.1025	.0938	.0926	.0849	.0876	.0842	.0826	.0824	.0825	.0808	.0795	.0756	.0805
35.				.0666	.0655	.0677	.0703	.0688	.0689	.0691	.0700	.0707	.0699	.0707
50.	.0723	.0697	.0665	.0625	.0627	.0655	.0695	.0687	.0691	.0713	.0693	.0685	.0687	.0700
70.				.0620	.0629	.0641	.0670	.0665	.0681	.0682	.0694	.0695	.0681	.0679
90.	.0691	.0700	.0680	.0645	.0648	.0678	.0705	.0682	.0682	.0662	.0680	.0706	.0691	.0687
110.				.0723	.0787	.0773	.0741	.0765	.0751	.0770	.0734	.0730	.0759	.0759
130.				.1152	.1199	.1151	.1172	.1137	.1200	.1092	.1142	.1150	.1126	.1165
145.	.2081	.1837	.1909	.1951	.1933	.1967	.1911	.1907	.1880	.1867	.1857	.1879	.1852	.1826
160.				.2693	.2559	.2565	.2572	.2583	.2574	.2566	.2503	.2549	.2516	.2519
180.	.2887	.3127	.3183	.3147	.3158	.3155	.3152	.3148	.3137	.3130	.3131	.3127	.3147	.3131
200.				.3651	.3547	.3551	.3540	.3532	.3534	.3492	.3438	.3481	.3478	.3504
215.	.3563	.3510	.3544	.3621	.3638	.3596	.3594	.3587	.3590	.3490	.3529	.3567	.3551	.3522
230.				.3205	.3184	.3168	.3174	.3137	.3155	.3106	.3110	.3109	.3109	.3137
250.				.2489	.2532	.2516	.2548	.2508	.2542	.2501	.2470	.2474	.2534	.2539
270.	.2259	.2271	.2216	.2196	.2103	.2273	.2261	.2265	.2258	.2223	.2221	.2230	.2220	.2213
290.				.2056	.2064	.2131	.2189	.2162	.2167	.2159	.2189	.2207	.2195	.2164
310.	.2097	.2110	.2056	.2038	.2007	.2063	.2175	.2153	.2159	.2170	.2167	.2162	.2158	.2167
325.				.2067	.2036	.2106	.2183	.2181	.2168	.2151	.2122	.2156	.2146	.2141
340.		.2186	.2148	.2171	.2147	.2157	.2191	.2195	.2194	.2187	.2146	.2138	.2152	.2157
350.				.2075	.2093	.2142	.2157	.2149	.2152	.2148	.2118	.2108	.2124	.2114
						FOR ALPHA = 4.50 DEG								
0.	.1398	.1463	.1480	.1497	.1525	.1512	.1550	.1544	.1559	.1550	.1516	.1513	.1506	.1511
10.				.1007	.1054	.0963	.1065	.1030	.1009	.1023	.0983	.0962	.0964	.0981
20.		.0845	.0781	.0748	.0730	.0640	.0703	.0654	.0723	.0655	.0676	.0625	.0645	.0651
35.				.0586	.0568	.0579	.0609	.0622	.0614	.0599	.0576	.0597	.0600	.0613
50.	.0649	.0619	.0584	.0556	.0542	.0552	.0580	.0598	.0611	.0618	.0588	.0584	.0597	.0613
70.				.0553	.0554	.0554	.0583	.0605	.0609	.0580	.0592	.0603	.0603	.0601
90.	.0624	.0629	.0605	.0557	.0585	.0602	.0604	.0590	.0601	.0559	.0567	.0572	.0590	.0607
110.				.0663	.0706	.0638	.0707	.0712	.0691	.0632	.0658	.0671	.0658	.0701
130.				.1119	.1185	.1174	.1214	.1224	.1246	.1165	.1154	.1194	.1197	.1224
145.	.2359	.2090	.2173	.2218	.2185	.2150	.2132	.2129	.2153	.2076	.2086	.2098	.2086	.2054
160.				.3116	.2961	.2963	.2995	.2991	.2975	.2950	.2888	.2941	.2908	.2909
180.	.3352	.3631	.3693	.3677	.3671	.3666	.3662	.3658	.3645	.3635	.3628	.3614	.3628	.3622
200.				.4161	.4055	.4062	.4046	.4034	.4026	.3993	.3922	.3960	.3932	.3966
215.	.3974	.3867	.3920	.4032	.3990	.3984	.3978	.3957	.3951	.3853	.3888	.3925	.3884	.3850
230.				.3326	.3325	.3300	.3301	.3267	.3295	.3240	.3234	.3241	.3225	.3252
250.				.2460	.2440	.2481	.2470	.2454	.2480	.2435	.2440	.2457	.2472	.2471
270.	.2147	.2144	.2104	.2052	.2049	.2124	.2136	.2110	.2136	.2105	.2102	.2124	.2117	.2107
290.				.1899	.1926	.1999	.2050	.2024	.2010	.2023	.2042	.2061	.2049	.2035
310.	.1857	.1921	.1903	.1883	.1860	.1945	.2002	.1961	.1962	.2016	.2032	.2019	.1991	.2000
325.				.1898	.1858	.1921	.1962	.1982	.1972	.1954	.1937	.1956	.1933	.1933
340.		.1873	.1861	.1896	.1874	.1895	.1922	.1920	.1914	.1904	.1871	.1855	.1857	.1874
350.				.1783	.1767	.1793	.1806	.1790	.1792	.1785	.1772	.1762	.1764	.1761
						FOR ALPHA = 9.50 DEG								
0.	.0731	.0887	.0887	.0906	.0907	.0897	.0925	.0918	.0925	.0923	.0889	.0896	.0880	.0888
10.				.0573	.0562	.0568	.0575	.0528	.0548	.0546	.0521	.0494	.0498	.0527
20.		.0508	.0493	.0462	.0444	.0438	.0437	.0437	.0441	.0436	.0413	.0420	.0415	.0435
35.				.0388	.0364	.0389	.0420	.0424	.0432	.0430	.0419	.0429	.0417	.0433
50.	.0473	.0443	.0409	.0374	.0358	.0390	.0421	.0426	.0423	.0442	.0425	.0434	.0429	.0444
70.				.0360	.0367	.0409	.0418	.0383	.0393	.0382	.0400	.0435	.0421	.0428
90.	.0455	.0424	.0411	.0364	.0399	.0394	.0384	.0379	.0381	.0343	.0343	.0345	.0349	.0342
110.				.0538	.0493	.0574	.0532	.0515	.0514	.0513	.0515	.0530	.0531	.0570
130.				.1446	.1428	.1346	.1449	.1309	.1420	.1343	.1378	.1391	.1378	.1386
145.	.3227	.2792	.2992	.3015	.2949	.2968	.2877	.2859	.2855	.2762	.2752	.2760	.2747	.2721
160.				.4227	.4126	.4143	.4155	.4140	.4103	.4079	.3992	.4066	.4021	.4033
180.	.4686	.5037	.5051	.5062	.5088	.5070	.5072	.5064	.5033	.5008	.4999	.4973	.4972	.4946
200.				.5487	.5391	.5392	.5396	.5375	.5353	.5294	.5240	.5250	.5206	.5214
215.	.5112	.4856	.4927	.5026	.4984	.4971	.4947	.4934	.4904	.4806	.4796	.4807	.4786	.4752
230.				.3732	.3635	.3578	.3606	.3563	.3604	.3537	.3541	.3542	.3539	.3560
250.				.2303	.2374	.2283	.2300	.2276	.2286	.2268	.2243	.2252	.2282	.2289
270.	.1823	.1832	.1872	.1778	.1742	.1767	.1822	.1770	.1790	.1753	.1740	.1744	.1741	.1736
290.				.1535	.1523	.1646	.1665	.1630	.1640	.1664	.1680	.1715	.1713	.1690
310.	.1329	.1501	.1450	.1442	.1468	.1539	.1587	.1550	.1568	.1610	.1606	.1611	.1607	.1617
325.				.1372	.1397	.1429	.1485	.1487	.1486	.1478	.1466	.1482	.1483	.1487
340.		.1178	.1187	.1253	.1248	.1235	.1234	.1255	.1259	.1250	.1219	.1214	.1240	.1252
350.				.1017	.1031	.1036	.1020	.1034	.1035	.1021	.1030	.1035	.1059	.1060

TABLE VI. - CONTINUED

(P) MACH = 4.50, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 1.50 DEG								
0.	.2038	.2057	.2050	.1995	.2032	.2034		.2025	.2024	.2063	.2069	.2066		0.
10.	.1368	.1383	.1408	.1397	.1376	.1379		.1366	.1345	.1380	.1377	.1368	.1392	10.
20.	.0873	.0899	.0908	.0877	.0908	.0913		.0919	.0927	.0948	.0953	.0961	.1026	20.
35.	.0779	.0798	.0805	.0770	.0764	.0782		.0763	.0768	.0759	.0758	.0766	.0787	35.
50.	.0741	.0763	.0754	.0727	.0730	.0728		.0724	.0717	.0702	.0698	.0708	.0724	50.
70.	.0716	.0730	.0722	.0699	.0712	.0703		.0715	.0707	.0697	.0688	.0671	.0687	70.
90.	.0757	.0736	.0718	.0702	.0723	.0737		.0720	.0708	.0701	.0675	.0680	.0695	90.
110.	.0822	.0819	.0799	.0784	.0795	.0778	.0782	.0782	.0775	.0782	.0757	.0767	.0756	110.
130.	.1138	.1141	.1122	.1107	.1118		.1099	.1119	.1124	.1138	.1133	.1156	.1157	130.
145.	.1722	.1693	.1706	.1692	.1686		.1646	.1667		.1682	.1693	.1733	.1752	145.
160.	.2325	.2312	.2303	.2301	.2293		.1738	.2263	.2250	.2242	.2228	.2263	.2326	160.
180.	.2913	.2874	.2878	.2850	.2854		.2826	.2791	.2813	.2815	.2807	.2839	.2830	180.
200.	.3263	.3264	.3273	.3289	.3269		.3265	.3269	.3251	.3227	.3223	.3273	.3350	200.
215.	.3369	.3339	.3369	.3381	.3364		.3330	.3347		.3381	.3406	.3455	.3480	215.
230.	.3068	.3066	.3059	.3078	.3096		.3068	.3098	.3117	.3137	.3166	.3196	.3202	230.
250.	.2561	.2557	.2522	.2511	.2536	.2515	.2528	.2517	.2524	.2544	.2524	.2538	.2503	250.
270.	.2292	.2300	.2266	.2251	.2286	.2281		.2281	.2269	.2245	.2211	.2210	.2246	270.
290.	.2226	.2234	.2216	.2174	.2197	.2178		.2204	.2188	.2165	.2157	.2129	.2173	290.
310.	.2231	.2253	.2224	.2190	.2187	.2169		.2176	.2165	.2132	.2121	.2169	.2200	310.
325.	.2268	.2293	.2297	.2243	.2229	.2227		.2197	.2200	.2189	.2183	.2227	.2284	325.
340.	.2304	.2337	.2330	.2323	.2343	.2363		.2308	.2310	.2327	.2321	.2333	.2446	340.
350.	.2292	.2314	.2355	.2366	.2370	.2340		.2333	.2339	.2377	.2372	.2362	.2415	350.
						FOR ALPHA = 2.50 DEG								
0.	.1861	.1881	.1878	.1812	.1863	.1865		.1851	.1834	.1881	.1882	.1880		0.
10.	.1236	.1245	.1279	.1250	.1252	.1249		.1362	.1235	.1262	.1262	.1249	.1253	10.
20.	.0790	.0832	.0821	.0819	.0836	.0859		.0856	.0857	.0880	.0888	.0896	.0959	20.
35.	.0732	.0758	.0764	.0732	.0728	.0745		.0722	.0723	.0716	.0713	.0725	.0745	35.
50.	.0704	.0722	.0714	.0688	.0695	.0695		.0690	.0681	.0667	.0660	.0672	.0690	50.
70.	.0690	.0699	.0692	.0671	.0685	.0675		.0683	.0675	.0664	.0654	.0640	.0659	70.
90.	.0722	.0706	.0686	.0671	.0694	.0711		.0686	.0678	.0669	.0647	.0650	.0665	90.
110.	.0786	.0787	.0767	.0762	.0773	.0750	.0752	.0752	.0744	.0751	.0726	.0735	.0724	110.
130.	.1170	.1162	.1146	.1131	.1140		.1118	.1141	.1145	.1159	.1160	.1182	.1183	130.
145.	.1824	.1799	.1815	.1803	.1798		.1767	.1779		.1790	.1808	.1854	.1872	145.
160.	.2509	.2503	.2499	.2497	.2488		.1826	.2456	.2441	.2433	.2424	.2456	.2521	160.
180.	.3149	.3108	.3108	.3079	.3086		.3062	.3026	.3048	.3052	.3041	.3076	.3066	180.
200.	.3495	.3497	.3504	.3519	.3503		.3467	.3499	.3486	.3463	.3441	.3503	.3581	200.
215.	.3540	.3497	.3541	.3552	.3535		.3495	.3513		.3553	.3572	.3623	.3644	215.
230.	.3133	.3135	.3124	.3141	.3164		.3111	.3143	.3165	.3183	.3201	.3234	.3240	230.
250.	.2550	.2538	.2504	.2489	.2507	.2488	.2499	.2488	.2488	.2505	.2479	.2492	.2460	250.
270.	.2239	.2247	.2213	.2200	.2235	.2227		.2225	.2213	.2188	.2150	.2153	.2185	270.
290.	.2175	.2169	.2154	.2115	.2136	.2116		.2136	.2118	.2096	.2084	.2059	.2103	290.
310.	.2158	.2162	.2135	.2101	.2096	.2083		.2090	.2081	.2049	.2040	.2085	.2116	310.
325.	.2176	.2183	.2186	.2138	.2120	.2121		.2091	.2096	.2082	.2078	.2120	.2177	325.
340.	.2165	.2183	.2173	.2167	.2185	.2202		.2161	.2165	.2187	.2183	.2194	.2298	340.
350.	.2113	.2131	.2160	.2168	.2173	.2161		.2166	.2177	.2211	.2207	.2193	.2240	350.
						FOR ALPHA = 4.50 DEG								
0.	.1528	.1561	.1555	.1452	.1529	.1529		.1516	.1471	.1537	.1536	.1530		0.
10.	.1001	.1023	.1030	.1007	.1013	.1002		.1000	.0968	.0989	.0992	.0985	.0986	10.
20.	.0663	.0704	.0715	.0712	.0738	.0749		.0723	.0718	.0729	.0732	.0736	.0786	20.
35.	.0647	.0667	.0674	.0644	.0645	.0668		.0639	.0638	.0634	.0630	.0642	.0662	35.
50.	.0621	.0636	.0629	.0607	.0614	.0617		.0612	.0605	.0593	.0588	.0604	.0617	50.
70.	.0610	.0621	.0618	.0598	.0610	.0603		.0610	.0601	.0590	.0582	.0572	.0588	70.
90.	.0647	.0628	.0612	.0603	.0619	.0629		.0612	.0602	.0596	.0573	.0576	.0587	90.
110.	.0699	.0712	.0698	.0689	.0695	.0669	.0671	.0669	.0658	.0660	.0637	.0647	.0638	110.
130.	.1214	.1201	.1186	.1172	.1185		.1164	.1196	.1196	.1210	.1211	.1233	.1242	130.
145.	.2050	.2028	.2049	.2042	.2038		.1994	.2015		.2023	.2047	.2096	.2116	145.
160.	.2905	.2908	.2905	.2909	.2895		.2568	.2853	.2842	.2829	.2820	.2858	.2925	160.
180.	.3653	.3615	.3614	.3575	.3582		.3564	.3523	.3543	.3550	.3535	.3576	.3562	180.
200.	.3977	.3985	.3990	.3997	.3980		.3875	.3984	.3964	.3940	.3920	.3980	.4064	200.
215.	.3881	.3847	.3895	.3902	.3879		.3842	.3864		.3905	.3929	.3979	.4002	215.
230.	.3255	.3257	.3246	.3255	.3279		.3232	.3276	.3292	.3315	.3333	.3368	.3375	230.
250.	.2475	.2454	.2421	.2403	.2417	.2408	.2419	.2414	.2412	.2423	.2394	.2404	.2375	250.
270.	.2129	.2126	.2090	.2070	.2095	.2101		.2095	.2083	.2060	.2023	.2021	.2050	270.
290.	.2053	.2050	.2034	.1986	.2000	.1980		.1997	.1978	.1958	.1948	.1921	.1960	290.
310.	.1989	.1997	.1974	.1935	.1932	.1924		.1936	.1928	.1898	.1890	.1928	.1952	310.
325.	.1968	.1980	.1981	.1929	.1918	.1924		.1897	.1897	.1888	.1888	.1927	.1980	325.
340.	.1891	.1913	.1896	.1880	.1892	.1906		.1881	.1884	.1902	.1896	.1900	.1986	340.
350.	.1765	.1787	.1813	.1820	.1833	.1824		.1820	.1811	.1836	.1834	.1816	.1860	350.
						FOR ALPHA = 9.50 DEG								
0.	.0907	.0968	.0965	.0750	.0897	.0893		.0859	.0742	.0868	.0868	.0857		0.
10.	.0539	.0555	.0565	.0539	.0561	.0556		.0543	.0510	.0535	.0536	.0522	.0529	10.
20.	.0450	.0467	.0476	.0466	.0482	.0489		.0457	.0449	.0462	.0462	.0451	.0486	20.
35.	.0454	.0462	.0468	.0443	.0449	.0470		.0435	.0435	.0434	.0432	.0434	.0454	35.
50.	.0448	.0450	.0443	.0426	.0436	.0436		.0424	.0422	.0417	.0412	.0415	.0427	50.
70.	.0441	.0441	.0436	.0424	.0440	.0433		.0427	.0420	.0411	.0404	.0386	.0400	70.
90.	.0396	.0375	.0366	.0363	.0383	.0383		.0370	.0363	.0363	.0348	.0339	.0348	90.
110.	.0571	.0559	.0531	.0513	.0520	.0494	.0502	.0500	.0493	.0496	.0462	.0474	.0461	110.
130.	.1379	.1377	.1371	.1360	.1368		.1344	.1382	.1385	.1400	.1396	.1424	.1424	130.
145.	.2708	.2676	.2710	.2708	.2696		.2649	.2670		.2672	.2698	.2749	.2777	145.
160.	.4006	.4003	.4011	.4025	.4013		.3541	.3956	.3938	.3927	.3916	.3951	.4040	160.
180.	.4987	.4952	.4974	.4951	.4968		.4927	.4880	.4912	.4921	.4897	.4945	.4921	180.
200.	.5224	.5246	.5255	.5271	.5280		.5124	.5259	.5243	.5223	.5212	.5263	.5342	200.
215.	.4764	.4743	.4779	.4794	.4782		.4741	.4757		.4802	.4846	.4910	.4924	215.
230.	.3553	.3547	.3526	.3543	.3575		.3525	.3583	.3603	.3627	.3642	.3682	.3690	230.
250.	.2283	.2255	.2221	.2204	.2217	.2198	.2208	.2198	.2192	.2200	.2161	.2175	.2147	250.
270.	.1751	.1747	.1712	.1693	.1720	.1733		.1743	.1728	.1717	.1684	.1687	.1710	270.
290.	.1700	.1692	.1680	.1638	.1651	.1638		.1657	.1645	.1630	.1622	.1603	.1634	290.
310.	.1613	.1602	.1586	.1552	.1546	.1542		.1555	.1551	.1534	.1525	.1552	.1574	310.
325.	.1510	.1498	.1498	.1460	.1452	.1464		.1430	.1431	.1427	.1426	.1453	.1495	325.
340.	.1263	.1265	.1256	.1237	.1246	.1249		.1226	.1221	.1242	.1237	.1240	.1300	340.
350.	.1059	.1058	.1075	.1062	.1078	.1069		.1043	.1030	.1052	.1055	.1046	.1084	350.

TABLE VI. - CONTINUED

(P) MACH = 4.50, BETA = 5.01 DEG, CONTINUED

THETA, DEG	CP AT X/L = .0357	.0714	.1071	.1429	.1786	.2143	.2500	.2857	.3214	.3571	.3929	.4286	.4643	.5000
						FOR ALPHA = 14.50 DEG								
0.	.0363	.0546	.0525	.0525	.0516	.0545	.0544	.0562	.0564	.0579	.0484	.0489	.0491	.0485
10.				.0295	.0306	.0288	.0278	.0260	.0274	.0263	.0237	.0242	.0246	.0248
20.		.0324	.0293	.0259	.0303	.0249	.0269	.0255	.0258	.0258	.0236	.0235	.0246	.0259
35.				.0229	.0248	.0253	.0264	.0254	.0262	.0257	.0246	.0252	.0253	.0266
50.	.0291	.0265	.0233	.0208	.0230	.0245	.0259	.0236	.0225	.0269	.0252	.0246	.0254	.0274
70.				.0170	.0209	.0213	.0207	.0206	.0188	.0160	.0175	.0187	.0206	.0212
90.	.0289	.0255	.0205	.0168	.0206	.0166	.0203	.0176	.0174	.0126	.0143	.0139	.0137	.0143
110.				.0519	.0578	.0474	.0469	.0472	.0506	.0496	.0475	.0489	.0483	.0490
130.				.1728	.1620	.1651	.1646	.1517	.1656	.1593	.1597	.1606	.1622	.1637
145.	.4192	.3583	.3826	.3763	.3739	.3739	.3669	.3661	.3626	.3502	.3486	.3520	.3510	.3464
160.				.5510	.5409	.5438	.5428	.5432	.5389	.5348	.5238	.5329	.5273	.5277
180.	.6162	.6578	.6498	.6612	.6661	.6632	.6610	.6617	.6589	.6573	.6546	.6519	.6497	.6453
200.				.6972	.6852	.6853	.6815	.6796	.6792	.6743	.6672	.6690	.6644	.6637
215.	.6249	.5836	.5854	.6111	.5995	.5980	.5910	.5907	.5878	.5780	.5756	.5767	.5752	.5698
230.				.4040	.3938	.3857	.3892	.3809	.3892	.3818	.3838	.3842	.3820	.3838
250.				.2177	.2187	.2121	.2123	.2120	.2119	.2087	.2043	.2065	.2102	.2115
270.	.1533	.1560	.1521	.1500	.1386	.1436	.1464	.1421	.1416	.1384	.1371	.1368	.1366	.1353
290.				.1183	.1247	.1287	.1320	.1308	.1308	.1308	.1324	.1340	.1351	.1347
310.	.0963	.1081	.1045	.1088	.1101	.1176	.1219	.1229	.1242	.1273	.1262	.1243	.1236	.1239
325.				.0938	.1022	.1032	.1082	.1092	.1097	.1075	.1047	.1035	.1051	.1041
340.		.0667	.0697	.0716	.0720	.0682	.0712	.0727	.0677	.0717	.0683	.0649	.0666	.0670
350.				.0518	.0497	.0471	.0506	.0458	.0494	.0487	.0456	.0434	.0487	.0482
						FOR ALPHA = 19.51 DEG								
0.	.0185	.0399	.0381	.0357	.0353	.0383	.0380	.0395	.0408	.0395	.0325	.0325	.0314	.0309
10.				.0128	.0137	.0112	.0113	.0105	.0112	.0112	.0086	.0067	.0076	.0083
20.		.0190	.0142	.0106	.0157	.0100	.0111	.0103	.0102	.0101	.0086	.0078	.0091	.0108
35.				.0068	.0084	.0083	.0091	.0074	.0062	.0070	.0058	.0063	.0074	.0087
50.	.0113	.0081	.0059	.0030	.0051	.0061	.0054	.0041	.0037	.0101	.0045	.0039	.0066	.0076
70.				.0004	.0032	.0029	.0016	.0011	.0002	-.0018	-.0002	.0002	.0005	.0006
90.	.0209	.0180	.0099	.0081	.0058	.0075	.0049	.0055	.0093	.0062	.0038	.0024	.0017	.0020
110.				.0477	.0540	.0463	.0497	.0469	.0508	.0474	.0441	.0442	.0467	.0475
130.				.2017	.1896	.1831	.1860	.1822	.1882	.1819	.1845	.1848	.1864	.1885
145.	.5244	.4398	.4683	.4742	.4542	.4578	.4490	.4489	.4455	.4342	.4289	.4325	.4312	.4251
160.				.6861	.6762	.6803	.6793	.6788	.6784	.6781	.6638	.6764	.6668	.6648
180.	.7747	.8224	.8162	.8269	.8316	.8301	.8292	.8337	.8313	.8320	.8292	.8246	.8210	.8138
200.				.8462	.8353	.8387	.8387	.8385	.8364	.8312	.8205	.8269	.8171	.8176
215.	.7458	.6810	.7002	.7145	.6985	.7013	.6935	.6952	.6911	.6794	.6759	.6784	.6776	.6713
230.				.4335	.4200	.4107	.4164	.4079	.4200	.4099	.4137	.4121	.4141	.4167
250.				.2043	.2059	.2003	.2049	.1970	.2042	.1940	.1956	.1955	.1981	.1994
270.	.1348	.1342	.1235	.1224	.1213	.1175	.1162	.1124	.1126	.1108	.1105	.1102	.1057	.1071
290.				.0991	.0933	.1013	.1026	.0996	.0997	.1026	.1022	.1018	.1037	.1057
310.	.0570	.0717	.0700	.0794	.0834	.0832	.0877	.0892	.0909	.0960	.0960	.0941	.0940	.0964
325.				.0576	.0634	.0721	.0700	.0753	.0713	.0720	.0700	.0702	.0686	.0706
340.		.0242	.0240	.0225	.0364	.0266	.0254	.0294	.0233	.0267	.0253	.0218	.0218	.0216
350.				.0137	.0131	.0118	.0094	.0089	.0095	.0081	.0049	.0067	.0060	.0062

TABLE VI. - CONCLUDED

(P) MACH = 4.50, BETA = 5.01 DEG, CONCLUDED

THETA, DEG	CP AT X/L = .5357	.5714	.6071	.6429	.6786	.7143	.7500	.7857	.8214	.8571	.8929	.9286	.9643	THETA, DEG
						FOR ALPHA = 14.50 DEG								
0.	.0502	.0589	.0590	.0316	.0493	.0510		.0461	.0325	.0472	.0471	.0467		0.
10.	.0263	.0273	.0287	.0262	.0296	.0297		.0312	.0253	.0276	.0277	.0267	.0286	10.
20.	.0264	.0264	.0265	.0250	.0275	.0279		.0257	.0254	.0266	.0265	.0256	.0284	20.
35.	.0279	.0274	.0273	.0252	.0265	.0290		.0247	.0247	.0243	.0243	.0244	.0257	35.
50.	.0276	.0274	.0273	.0253	.0262	.0262		.0243	.0246	.0239	.0236	.0236	.0245	50.
70.	.0232	.0232	.0227	.0213	.0222	.0212		.0209	.0212	.0208	.0206	.0193	.0202	70.
90.	.0194	.0115	.0104	.0108	.0123	.0146		.0093	.0093	.0090	.0105	.0065	.0068	90.
110.	.0492	.0479	.0460	.0438	.0444	.0427	.0432	.0424	.0421	.0424	.0393	.0401	.0390	110.
130.	.1620	.1617	.1607	.1587	.1601		.1582	.1621	.1621	.1640	.1633	.1661	.1658	130.
145.	.3446	.3402	.3434	.3423	.3414		.3366	.3384		.3379	.3418	.3475	.3508	145.
160.	.5240	.5230	.5229	.5261	.5244		.4470	.5185	.5154	.5136	.5133	.5170	.5268	160.
180.	.6493	.6422	.6476	.6463	.6481		.6435	.6381	.6422	.6427	.6411	.6459	.6431	180.
200.	.6621	.6610	.6628	.6652	.6664		.6509	.6646	.6644	.6618	.6614	.6665	.6768	200.
215.	.5672	.5631	.5681	.5718	.5725		.5670	.5697		.5720	.5777	.5845	.5884	215.
230.	.3844	.3830	.3825	.3841	.3884		.3826	.3898	.3914	.3951	.3975	.4009	.4016	230.
250.	.2103	.2106	.2077	.2054	.2067	.2042	.2045	.2025	.2018	.2019	.1989	.1998	.1969	250.
270.	.1367	.1353	.1333	.1314	.1337	.1349		.1353	.1340	.1336	.1313	.1318	.1338	270.
290.	.1368	.1363	.1362	.1332	.1353	.1336		.1343	.1334	.1318	.1312	.1300	.1331	290.
310.	.1246	.1236	.1227	.1200	.1208	.1209		.1213	.1207	.1193	.1187	.1213	.1233	310.
325.	.1067	.1053	.1054	.1016	.1017	.1045		.1007	.0992	.0984	.0988	.1013	.1051	325.
340.	.0682	.0675	.0675	.0648	.0664	.0668		.0662	.0655	.0678	.0675	.0682	.0724	340.
350.	.0480	.0475	.0481	.0454	.0487	.0491		.0478	.0454	.0480	.0487	.0493	.0531	350.
						FOR ALPHA = 19.51 DEG								
0.	.0314	.0402	.0401	.0108	.0311	.0350		.0276	.0110	.0283	.0283	.0278		0.
10.	.0100	.0103	.0113	.0089	.0131	.0144		.0132	.0093	.0121	.0123	.0118	.0146	10.
20.	.0118	.0115	.0115	.0104	.0130	.0134		.0110	.0102	.0121	.0118	.0116	.0136	20.
35.	.0101	.0098	.0100	.0087	.0098	.0122		.0077	.0077	.0074	.0074	.0080	.0095	35.
50.	.0072	.0065	.0053	.0052	.0066	.0071		.0046	.0050	.0048	.0048	.0055	.0069	50.
70.	.0012	.0011	.0008	.0017	.0028	.0015		-.0002	-.0001	-.0004	-.0006	-.0005	-.0005	70.
90.	.0091	.0010	-.0001	.0004	.0017	.0060		-.0012	-.0013	-.0011	.0026	-.0023	-.0020	90.
110.	.0461	.0445	.0423	.0401	.0404	.0390	.0392	.0389	.0387	.0396	.0374	.0384	.0374	110.
130.	.1867	.1864	.1854	.1841	.1852		.1823	.1862	.1863	.1887	.1889	.1915	.1907	130.
145.	.4223	.4161	.4204	.4193	.4180		.4122	.4153		.4139	.4187	.4234	.4280	145.
160.	.6597	.6583	.6574	.6584	.6561		.6133	.6519	.6488	.6457	.6447	.6487	.6593	160.
180.	.8195	.8054	.8074	.7986	.8013		.8044	.7997	.8078	.8084	.8075	.8126	.8080	180.
200.	.8129	.8120	.8105	.8079	.8049		.7767	.8108	.8134	.8111	.8136	.8226	.8340	200.
215.	.6680	.6611	.6661	.6654	.6608		.6577	.6622		.6665	.6736	.6808	.6843	215.
230.	.4155	.4181	.4146	.4151	.4165		.4099	.4179	.4192	.4226	.4236	.4274	.4269	230.
250.	.1981	.1982	.1950	.1946	.1936	.1909	.1918	.1900	.1891	.1893	.1853	.1861	.1841	250.
270.	.1046	.1042	.0995	.0991	.0996	.0999		.0998	.0981	.0979	.0951	.0953	.0970	270.
290.	.1059	.1068	.1071	.1045	.1075	.1058		.1062	.1053	.1046	.1039	.1030	.1057	290.
310.	.0961	.0950	.0956	.0928	.0924	.0936		.0936	.0929	.0929	.0920	.0941	.0966	310.
325.	.0718	.0711	.0711	.0678	.0694	.0734		.0692	.0678	.0668	.0667	.0684	.0712	325.
340.	.0229	.0226	.0233	.0215	.0233	.0230		.0239	.0234	.0256	.0250	.0253	.0283	340.
350.	.0070	.0071	.0077	.0060	.0098	.0113		.0101	.0047	.0069	.0071	.0078	.0129	350.

1. Report No.	2. Government Accession No.	3. Recipient's Catalog No.
NASA TM-78808		

4. Title and Subtitle	5. Report Date
SURFACE PRESSURE DATA ON A SERIES OF CONICAL FOREBODIES AT MACH NUMBERS FROM 1.70 to 4.50 AND COMBINED ANGLES OF ATTACK AND SIDESLIP	March 1979
	6. Performing Organization Code

7. Author(s)	8. Performing Organization Report No.
James C. Townsend, Ida K. Collins, Dorothy T. Howell, and Clyde Hayes	L-12586
	10. Work Unit No. 505-11-13-01
9. Performing Organization Name and Address	11. Contract or Grant No.
NASA Langley Research Center Hampton, VA 23665	
	13. Type of Report and Period Covered
12. Sponsoring Agency Name and Address	Technical Memorandum
National Aeronautics and Space Administration Washington, DC 20546	14. Sponsoring Agency Code

15. Supplementary Notes

16. Abstract

Tabulated surface pressure data for a series of forebodies which have analytically defined cross sections and are based on a 20° half-angle cone are presented without analysis. Five of the cross sections were ellipses having axis ratios of 3/1, 2/1, 1/1, 1/2, and 1/3. The sixth cross section was defined by a curve having a single lobe. The data generally cover angles of attack from -5° to 20° at angles of sideslip from 0° to 5° for Mach numbers of 1.70, 2.50, 3.95, and 4.50 at a constant Reynolds number.

17. Key Words (Suggested by Author(s))	18. Distribution Statement
Supersonic flow Experimental data Surface pressures Conical bodies	Unclassified - Unlimited Subject Category 02

19. Security Classif. (of this report)	20. Security Classif. (of this page)	21. No. of Pages	22. Price*
Unclassified	Unclassified	443	$14.00

* For sale by the National Technical Information Service, Springfield, Virginia 22161

NASA-Langley, 1979

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